

ExCell Bio

ResiQuant[®] Alkali-Resistant Protein A ELISA Kit 2G

Material Safety Data Sheet



| SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Information

Product Name	Cat. #
ResiQuant® Alkali-Resistant Protein A ELISA Kit 2G	CRP00-3032/CRP00-3031/CRP00-3031S

Company Identification

Company: Suzhou ExCell Biotechnology Co., Ltd.

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| SECTION 2: HAZARDS IDENTIFICATION

Hazard Category According to GHS

H317 Skin sensitization (Category 1)

H318 Serious eye damage/eye irritation (Category 1)

H290 Corrosive to metals (Category 1)

Label Elements According to GHS

Hazard statement(s): H317 May cause an allergic skin reaction.

H314 Causes severe skin burns and eye damage

Precautionary statement(s): P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P264 Wash skin thoroughly after handling.

Response: P302+P352 IF ON SKIN: Wash with plenty of water

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (Refer to supplemental first aid instruction on this label)

P301+P330+P331 IF SWALLOWED: Call a poison center or doctor if you feel unwell.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304+P340+P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Immediately call a poison center or doctor.

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P363 Wash contaminated clothing before reuse.

P405 Store in corrosive resistant container with a resistant inner liner.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Physical And Chemical Hazards

Referring to current information, no physical or chemical hazard.

Health Effects

Referring to current information, no health hazard.

Environmental Hazards

Referring to current information, no environmental hazard.

Other Hazards

No other hazards known.

| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	EINECS#	ICSC#	Concentration	Classification	Code
ProClin®300 Preservative	55965-84-9	Not Listed	613-167-00-5	0.1% (≤ 0.005% active ingredient)	Skin Sensitization Category 1	H317
Hydrochloric acid	7647-01-0	231-595-7	0163	10%	Skin sensitization Category 1 Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1	H317 H318 H290
This product does not contain candidate substances of very high concern at a concentration ≥0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59					Not Classified	None

| SECTION 4: FIRST AID MEASURES

Description of The Necessary First-Aid Measures

The Harm to Human Body	First Aid
If inhaled	After inhalation: fresh air.
In case of skin contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.

In case of eye contact	After eye contact: rinse out with plenty of water. Remove contact lenses.
If swallowed	After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

The Most Important Acute or Late-Onset Symptoms And Health Effects

Refer to section 2.

Instructions for Prompt Medical Treatment And Special Treatment Required

No data available.

Special Tips to The Doctor

No data available.

| SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

1. Suitable extinguishing media: Water, foam, carbon dioxide or dry chemical as suitable for surrounding materials.
2. Inappropriate extinguishing media: No restrictions on fire extinguishing agents are specified for this substance.

Particular Hazard Arising From This Substance or Mixture

No data available.

Fire Fighting Precautions And Protective Measures

1. Prevent skin contact from hazardous materials by keeping a safe distance or wearing suitable protective clothing
2. Avoid spillage of the products used to extinguish the fire into surrounding aqueous medium. Prevent contamination of surface and groundwater systems by fire fighting water.

| SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

1. Ensure adequate ventilation.
2. Do not breathe vapors, aerosols. Avoid substance contact.
3. Evacuate the danger area, observe emergency procedures, consult an expert.
4. For personal protection refer to section 8.

Environmental Precautions

N/A

Methods and Material for Containment And Cleaning Up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (Refer to sections 7 and 10). Clean up using liquid-absorbent material (e.g., Chemizorb®).. Dispose of properly. Clean up affected area.

Reference to Other Sections

For disposal refer to section 13.

| SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

For precautions refer to section 2.

Storage

Storage conditions: Store product in properly labeled, sealed containers. Protect from physical damage. Keep containers closed when not in use. No incompatibilities known.

| SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Contains no substances with occupational exposure limit values.

Engineering Control

Ensure adequate ventilation.

Exposure Control

1. Appropriate technical controls

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

2. Personal protective equipment

To Protect	Protective Equipment
Eye protection	Tightly fitting safety goggles or safety glasses with side shields recommended.
Skin protection	Compatible protective gloves recommended. Use proper glove removal technique and ensure outside of glove is not touched. Wash hands after removing gloves.
Respiratory protection	Wear filtering respiratory protection are based on the accompanying standards relating to the used respiratory protection system.
Hand protection	Wear suitable gloves resistant to appropriate chemicals.
Health protection	Operate in accordance with good industrial health and safety practices
Control of environmental exposure	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical And Chemical Properties

Item	Result
Physical state	liquid
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Density/Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Not classified as explosive
Oxidizing properties	No data available

Other Security Information

No data available.

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

The product is chemically stable under standard ambient conditions (room temperature).

Possibility of Hazardous Reactions

No data available.

Conditions to Avoid

Avoid extreme temperatures and direct sunlight

Incompatible Materials

No data available.

Hazardous Decomposition Products

No data available.

In the event of fire: refer to section 5.

| SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Item	Result
Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: None of the components in this product containing 0.1% or more have been identified by IARC as known or probable carcinogens.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

Additional Instructions

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

| SECTION 12: ECOLOGICAL INFORMATION

Ecological Toxicity

Mixture: No data available

Persistence And Degradability

No data available

Bioaccumulative Potential

No data available

Mobility In Soil

No data available

Results of PBT And vPvB Assessment

PBT / vPvB assessment is not available as chemical safety assessment is not required.

Other Adverse Effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Give the remaining products and non-recyclable solution, containers to a licensed company for disposal.

SECTION 14: TRANSPORT INFORMATION

UN Number		
ADR/RID:-	IMDG:-	IATA:-
UN Proper Shipping Name		
ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
Transport Hazard Class(Es)		
ADR/RID:-	IMDG:-	IATA:-
Packaging Group		
ADR/RID:-	IMDG:-	IATA:-
Environmental Hazards		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
Special Precautions For User		
no data available		
Incompatible Materials		
no data available		
Further Information		
This product is not classified as hazardous according to transportation regulations.		

SECTION 15: REGULATORY INFORMATION

International Catalogue

No data available

China

Please pay attention on the waste treatment should also comply with local regulations requirement.

SECTION 16: OTHER INFORMATION

The above information is obtained after rigorous investigation, and suggestions are made after careful judgment.

This information should be used as a guide but not be considered to summarize everything. All materials and mixtures may have unknown hazards and should be noted when used. Since the company cannot control the actual method, quantity or condition of use, the company shall not be liable for any injury or damage caused by handling or contacting the products described in this document. The information contained in this safety data sheet does not constitute an express or implied warranty, including any implied warranty of merchantability or fitness for any particular purpose.

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