

## Material Safety Data Sheet

Product code: **GM-Tg-hg-T13017-iso-rel-kit**

Product Name: **SOLIDEX®-ISOEx Indirect Releasable Human CD138+ Cell Isolation Kit (Column-based)**

A safety datasheet is provided for the following component(s)  
**SOLIDEX®-ISOEx Anti- Human CD138+ Cell monoclonal antibody(mAb) (Biotin)**

**SOLIDEX®-ISOEx anti-Biotin Nanobeads (Column-Based)**

### **SOLIDEX®-ISOEx Anti- Human CD138+ Cell monoclonal antibody(mAb) (Biotin)**

#### **SECTION 1**

#### **IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Recommended Use: Laboratory Research Reagents

MANUFACTURER: Genemedi Biotechnology Co., Ltd  
Room 607, Building 2, 3377 Kangxin Road, Pudong New Area  
Shanghai, China  
Phone: 86-21-50478399  
Fax: 86-21-50478399  
Email: support@genemedi.net

#### **SECTION 2**

#### **HAZARDS IDENTIFICATION**

None of hazardous components

#### **SECTION 3**

#### **COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

<b>Component</b>	<b>Weight % content (or range)</b>	<b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b>	<b>Specific Cone. Limits, M-factors</b>
<b>Poloxamer-188</b> CAS: 9003-11-6 EC: 618-355-0 Index No.: /	No information available	Not classified	/
<b>Antibody (Biotin)</b> CAS: / EC: /	No information available	Not classified	/

Index No.: /			
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**SECTION 4  
FIRST-AID MEASURES**

Skin contact	Wash off immediately with plenty of water
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	Never give anything by mouth to an unconscious person
Inhalation	Move to fresh air
Notes to physician	Treat symptomatically

**SECTION 5  
FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical or CO2.  
Special protective equipment: Self-contained breathing apparatus.

**SECTION 6  
ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Use personal protective equipment

**Environmental Precautions**

Should not be released into the environment

**Methods for Containment and Clean Up**

Ventilate area and wash spill site after material pickup is complete.

**SECTION 7  
SAFETY HANDLING AND STORAGE**

**Safety Handling**

Should be handled by trained personnel observing good laboratory practices. Avoid breathing vapor. Avoid skin contact or swallowing. May cause allergic reaction in sensitized individuals.

**Storage**

Store at 2°C to 8°C. Protect from light. Avoid freezing

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures**

Handle in accordance with good industrial hygiene and safety practices. Wash hands immediately after handling the product.

**Personal protective equipment**

Full-length laboratory coat, disposable nitrile gloves, safety glasses, closed-toe shoes, suitable respiratory equipment in cases of inadequate ventilation.

**Control parameters**

**Occupational Exposure limit values**

No relevant regulations

Biological limit values

**Biological limit values**

No relevant

regulations

**Monitoring methods**

EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of

exposure to chemical and biological agents.

GBZ/T 300 series standard Determination of toxic substances in workplace air.

**Derived No effect level (DNEL)**

Component	Route of exposure	DNEL for Workers			
		Acute effects(local)	Acute effects (systemic)	Chronic effects(local)	Chronic effects(systemic)
Polexamer-188	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Antibody (Biotin)	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available

Predicted No Effect Concentration (PNEC)

**Predicted No Effect Concentration (PNEC)** No information available

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: Liquid

Odor: no data available

pH: no data available

Boiling point / range: no data available

Melting point / range: no data available

Flash point: no data available

Evaporation rate: no data available

Vapor pressure: no data available

Vapor density: no data available

Relative density: no data available

Water solubility: no data available

Autoignition temperature: no data available

Decomposition temperature: no data available

Viscosity: no data available

Explosive properties: no data available

Oxidizing properties: no data available

## **SECTION 10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.

Reactivity: no data available

Conditions to avoid: Excess heat. Exposure to air or moisture over prolonged periods.

Incompatible materials: no data available

Decomposition products: no data available

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: There are no known carcinogenic chemicals in this product

Reproductive toxicity: no data available

## **SECTION 12. ECOLOGICAL INFORMATION**

Ecotoxicity: Do not empty into drains.

Mobility: no data available

Biodegradation: no data available

Bioaccumulation: no data available

### SECTION 13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

### SECTION 14. TRANSPORT INFORMATION - IATA

Hazard Class: Not Hazardous

### SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available

Chemical safety assessment: no data available

### SECTION 16. OTHER INFORMATION

The information on this Safety Data Sheet is correct but does not purport to be all inclusive. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification.

## SOLIDEX®-ISOEx anti-Biotin Nanobeads (Column-Based)

### SECTION 1

#### IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

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Room 607, Building 2, 3377 Kangxin Road, Pudong New Area

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### SECTION 2

#### HAZARDS IDENTIFICATION

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#### COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Component	Weight % content (or range)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific Cone. Limits, M-factors
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<b>anti-Biotin Nanobeads</b> CAS:/ EC: / Index No.: /	No information available	Not classified	/
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#### **SECTION 4 FIRST-AID MEASURES**

Skin contact	Wash off immediately with plenty of water
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	Never give anything by mouth to an unconscious person
Inhalation	Move to fresh air
Notes to physician	Treat symptomatically

#### **SECTION 5 FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical or CO<sub>2</sub>.  
Special protective equipment: Self-contained breathing apparatus.

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

##### **Personal precautions**

Use personal protective equipment

##### **Environmental Precautions**

Should not be released into the environment

##### **Methods for Containment and Clean Up**

Ventilate area and wash spill site after material pickup is complete.

#### **SECTION 7 SAFETY HANDLING AND STORAGE**

##### **Safety Handling**

Should be handled by trained personnel observing good laboratory practices. Avoid breathing vapor. Avoid skin contact or swallowing. May cause allergic reaction in sensitized individuals.

##### **Storage**

Store at 2°C to 8°C. Protect from light. Avoid freezing

#### **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

##### **Engineering measures**

Handle in accordance with good industrial hygiene and safety practices. Wash hands immediately after handling the product.

**Personal protective equipment**

Full-length laboratory coat, disposable nitrile gloves, safety glasses, closed-toe shoes, suitable respiratory equipment in cases of inadequate ventilation.

**Control parameters****Occupational Exposure limit values**

No relevant regulations

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**Biological limit values**

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**Monitoring methods**

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	Dermal	No	No	No information	No information

		information available	information available	available	available
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## End of Safety Data Sheet

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