

MATERIAL SAFETY DATA SHEET (MSDS)

Spike Protein (S1) (aa 1-725) of MERS CoV

COMPANY DETAILS

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IDENTIFICATION SECTION

Product Name: Spike (S1) (amino acid 1-725) of MERS-CoV
Other Names: None
Product Code: MERS-S1-005P
Use: For research use, *i.e.* western blot standard, antibody ELISA.

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Components	Description
Glycoprotein	Recombinant protein, 50 µg
KCl	10 µg
KH ₂ PO ₄	12 µg
NaCl	400 µg
Na ₂ HPO ₄	72 µg

PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Colorless
Odor: None
Boiling Point: Not available
Melting Point: Not available
Decomposition Temperature: Not available
Flash Point: Not available
Density: Not available
Solubility: Soluble in water

HAZARDS IDENTIFICATION

Emergency Overview: The product does not contain any hazardous components

Carcinogenicity: Not determined
Target Organs: Not determined
Primary Entry Route: Ingestion

FIRST AID INFORMATION

Swallowed: If conscious, immediately induce vomiting
Skin: Immediately wash skin with soap and copious amounts of water;
Wash contaminated clothing before reuse
First Aid Facilities: safety shower

SAFE HANDLING INFORMATION

Storage and Transport: Store in the sample eppendorf tube. For long-term, store at -20°C
Spills and Disposal: Use water to dilute and wipe with paper towels
CERCLA No reportable quantity
Fire/Explosion Hazard: Burning can produce oxides of carbon and nitrogen

STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibilities: Heating in the presence of air (oxygen) to temperatures above 212°F will result in decomposition
Products of Decomposition: Burning can produce oxides of carbon and nitrogen

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.