MATERIAL SAFETY DATA SHEET (MSDS)

Receptor Binding Domain of MERS CoV Spike Protein (aa 358-588)

COMPANY DETAILS

Company:	**eENZYME LLC**
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IDENTIFICATION SECTION

Product Name	Receptor binding domain of spike (S1) protein (amino acid 358-588) of MERS-CoV
Other Names	None
Product Code	MERS-RBD-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_2PO_4	12 μg
NaCl	400 μg
Na_2HPO_4	72 μg
Sodium Azide	0.1%

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^{o}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.