

RP01053

Leader in Biomolecular Solutions for Life Science



Recombinant Human Mesothelin/MSLN Protein

Catalog No.: RP01053

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	10232	Q13421-3

Tags

C-His

Synonyms

MPF; SMRP;MSLN;SMRP

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

Basic Information

Description

Recombinant Human Mesothelin/MSLN Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Glu296-Gly580) of human Mesothelin (Accession #NP_005814.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human Mesothelin/MSLN (Catalog: RP01053) at 2 μg/mL (100 μL/well) can bind Human CA125 (Catalog: RP01053) with a linear range of 0.1-10.4 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

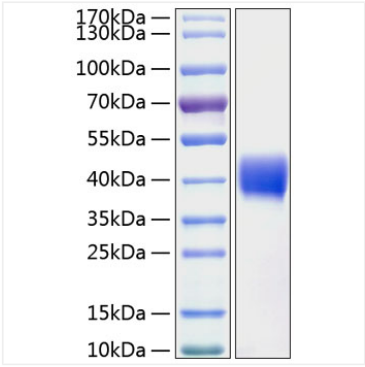
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Contact

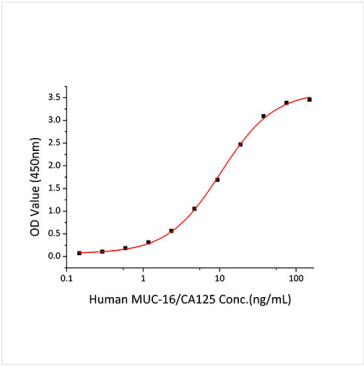


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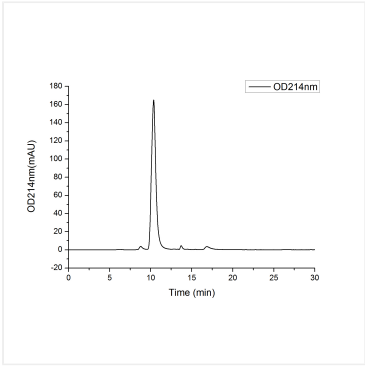
Validation Data



Recombinant Human Mesothelin/MSLN Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human Mesothelin/MSLN at 2 µg/mL (100 µL/well) can bind Human CA125 with a linear range of 0.1-10.4 ng/mL.



The purity of Human Mesothelin Protein (Cat.RP01053) was greater than 95% as determined by SEC-HPLC.