Recombinant Human Mesothelin/MSLN Protein

Catalog No.: RP01053

www.abclonal.com

Sequence Information

Species
Human

Gene ID
10232

Swiss Prot
Q13421-3

Tags
C-His

Synonyms
MPF, SMRP,MSLN,SMRP

Product Information

Source
HEK293 cells

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

Calculated MW
33.07 kDa

Observed MW
Approximately 40 kDa

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
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

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.

Storage
Store at -20℃

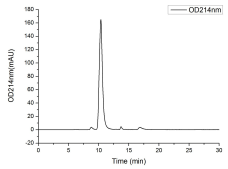
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

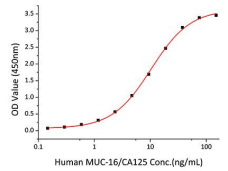
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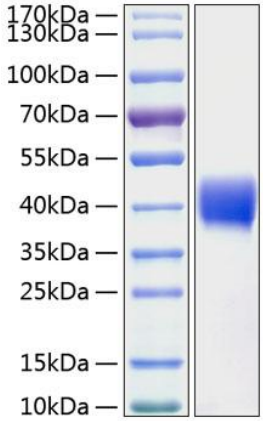
Validation Data



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



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.



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