

Biotinylated Recombinant Human Mesothelin/MSLN Protein

Catalog No.: RP02448 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	10232	Q13421-2

Tags

C-His&Avi

Synonyms

MPF; SMRP;MSLN;SMRP

Product Information

Source

HEK293 cells

Purification

> 95% by Tris-Bis
PAGE;> 95% by
SEC-HPLC

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube 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 freeze-thaw cycles.

Background

Basic Information

Description

Biotinylated Recombinant Human Mesothelin Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Glu296-Gly580) of Human Mesothelin fused with His tag and Avi tag at the C-terminal.


Bio-Activity

Immobilized Biotinylated Human MSLN, His Tag at 0.5 μg/mL (100 μL/Well). Dose response curve for Anti-MSLN Ab with the EC₅₀ of 3.7 ng/mL determined by ELISA.

Storage

Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

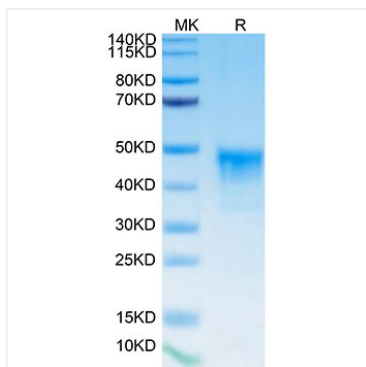
Contact

 | 400-999-6126

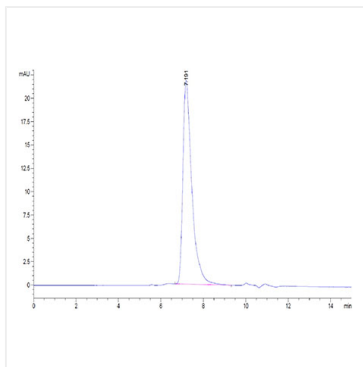
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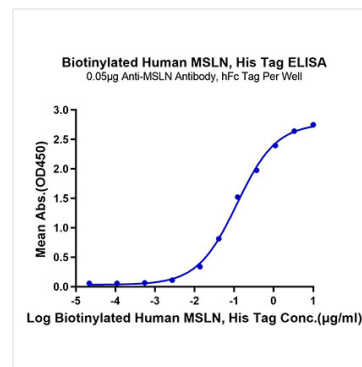
Validation Data



Biotinylated Human MSLN on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human MSLN was greater than 95% as determined by SEC-HPLC.



Immobilized Anti-MSLN Antibody at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human MSLN, His Tag with the EC₅₀ of 0.12μg/ml determined by ELISA.