

# 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.

## Contact

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## 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.

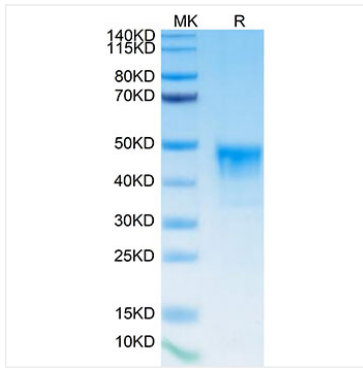
#### Bio-Activity

Immobilized Biotinylated Human MSLN,His Tag at 0.5 μg/mL (100 μL/Well). Dose response curve for Anti-MSLN Ab with the EC<sub>50</sub> of 3.7 ng/mL determined by ELISA.

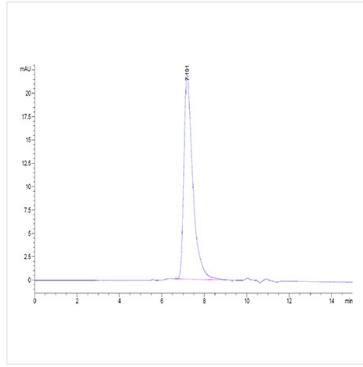
#### Storage

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.

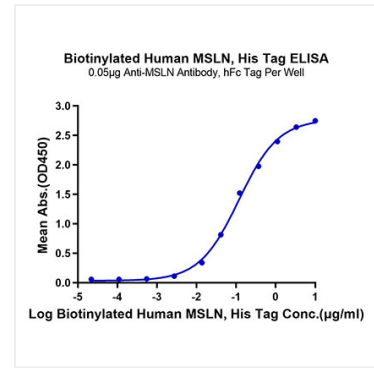
## Validation Data



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 EC<sub>50</sub> of 0.12µg/ml determined by ELISA.