

Active Recombinant Human MSLN protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. MSLN-0382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MSLN protein(Q13421-3)(296-600 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	296-600 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human MSLN, His Avi Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate(5µg/ml). Dose response curve for Anti-MSLN Antibody, hFc Tag with the EC50 of 3.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 37.20 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [MSLN mesothelin \[Homo sapiens \]](#)

Official Symbol [MSLN](#)

Synonyms MSLN; mesothelin; CAK1; MPF; CAK1 antigen; megakaryocyte potentiating factor; soluble MPF mesothelin related protein; pre-pro-megakaryocyte-potentiating factor; SMRP;

Gene ID [10232](#)

mRNA Refseq [NM_001177355](#)

Protein Refseq [NP_001170826](#)

MIM [601051](#)

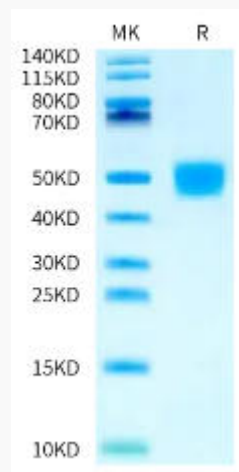
UniProt ID [Q13421](#)

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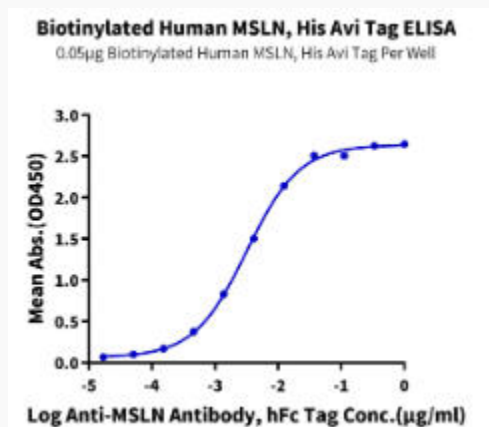
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Bis-Tris PAGE



ELISA Data



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