

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

Cat. No. MSLN-3876H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MSLN protein(Q13421-3)(Glu296-Leu591), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	296-591 aa
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 Human MSLN, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CA125, His Tag with the EC50 of 8.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 34.48 kDa. Due to glycosylation, the protein migrates to 40-50 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
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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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](#)

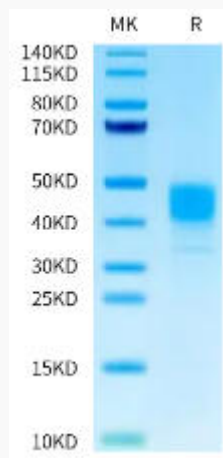
UniProt ID [Q13421](#)

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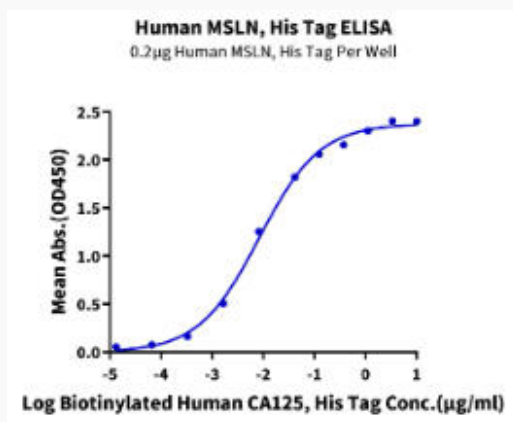
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Bis-Tris PAGE



ELISA Data



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