

# Recombinant Human MSLN protein, hFc-Avi-tagged, Biotinylated

**Cat. No.** MSLN-304H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human MSLN protein(Q13421-2)(Glu296-Gly580), fused with C-terminal hFc and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Glu296-Gly580
<b>Tag</b>	C-hFc-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human CA125, His Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Human MSLN, hFc Tag with the EC50 of 44.1ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 61.1 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MSLN mesothelin [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">MSLN</a>
<b>Synonyms</b>	MSLN; mesothelin; CAK1; MPF; CAK1 antigen; megakaryocyte potentiating factor; soluble MPF mesothelin related protein; pre-pro-megakaryocyte-potentiating factor; SMRP;
<b>Gene ID</b>	<a href="#">10232</a>
<b>mRNA Refseq</b>	<a href="#">NM_001177355</a>
<b>Protein Refseq</b>	<a href="#">NP_001170826</a>
<b>MIM</b>	<a href="#">601051</a>
<b>UniProt ID</b>	<a href="#">Q13421</a>

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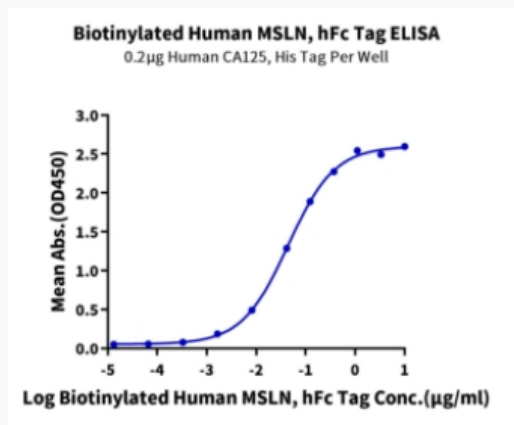
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**Tris-Bis PAGE**



**ELISA Data**



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