

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MSLN protein(Q13421-2)(Glu296-Gly580), fused with C-terminal hFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu296-Gly580
Tag	C-hFc-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	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.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

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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