

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MSLN protein(Glu296-Thr600), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	296-600 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Monoclonal Anti-Human MSLN Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Human Mesothelin (296-600), His,Avitag with a linear range of 0.1-4 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 37.8 kDa. The protein migrates as 42-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu296-Thr600
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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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