Active Recombinant Mouse MSLN protein, His-tagged

Cat. No. MSLN-0386M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MSLN protein(Asp298-Ser600), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	298-600 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 Mouse Mesothelin (298-600), His Tag at 2 μg/mL (100 μL/well) can bind Biotinylated Human CA125, Fc,Avitag with a linear range of 0.6-10 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 36.0 kDa. The protein migrates as 42-48 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asp298-Ser600
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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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.

GENE INFORMATION

Gene Name	Msln mesothelin [Mus musculus]
Official Symbol	MSLN
Synonyms	MSLN; mesothelin; megakaryocyte potentiating factor; pre-pro-megakaryocyte-potentiating factor; MPF;
Gene ID	56047
mRNA Refseq	NM_018857
Protein Refseq	NP_061345

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