Active Recombinant Human MSLN protein, Fc-tagged, FITC-Labeled

Cat. No. MSLN-0387H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human MSLN protein(Glu296-Gly580), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	296-580 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 Anti-Human MSLN antibody at 10 μg/mL (100 μL/well) can bind FITC-Labeled Human Mesothelin (296-580), Fc Tag with a linear range of 0.039-0.625 μg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the N-terminus.The protein has a calculated MW of 59.1 kDa. The protein migrates as 60-67 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu296-Gly580
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
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	FITC

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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