

## Active Recombinant Human MSLN protein, His-tagged

Cat. No. MSLN-302H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MSLN protein(Glu 296-Gly 580), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	296-580 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Anti-Human MSLN Mab, Human IgG1 at 10 µg/mL (100 µL/well) can bind RFP Fusion Human Mesothelin (296-580), His Tag with a linear range of 0.078-0.625 µg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 62.0 kDa. The protein migrates as 66-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Glu296-Gly580
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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 [ 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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