

## Active Recombinant Rat MSLN protein, His-tagged

Cat. No. MSLN-0383R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat MSLN protein(Asp298-Ser600), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	298-600 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 Rat Mesothelin (298-600), His Tag at 2 µg/mL (100 µL/well) can bind Monoclonal Anti-Human MSLN Antibody, Human IgG1 with a linear range of 8-125 ng/mL. Immobilized Rat Mesothelin (298-600), His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human CA125, Fc, Avitag with a linear range of 0.5-16 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 35.9 kDa. The protein migrates as 43-48 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Asp298-Ser600
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

 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

<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
<b>Storage</b>	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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	Msln mesothelin [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	MSLN
<b>Synonyms</b>	MSLN; mesothelin; ERC/mesothelin; protein expressed in renal carcinoma; pre-pro-megakaryocyte-potentiating factor;
<b>Gene ID</b>	60333
<b>mRNA Refseq</b>	NM_031658
<b>Protein Refseq</b>	NP_113846

 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