

Active Recombinant Mouse Msln Protein, His-tagged

Cat. No. Msln-4191M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse mesothelin (Msln) with a C-His tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Asp298-Gly582
Description	Membrane-anchored forms may play a role in cellular adhesion.
Bio-activity	The ED50 is 1.5 - 7.5 µg/ml, corresponding to a specific activity of $0.13-0.66 \times 10^3$ units/mg, determined by the dose dependent binding to CA125/MUC16 using a functional ELISA.
Molecular Mass	32.9 kDa
Endotoxin	Less than 0.01 ng/µg protein as determined by the LAL method
Purity	> 97%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialled at >50 µg/mL in specified buffer
Storage Buffer	1 x PBS, pH 7.2

GENE INFORMATION

Gene Name	Msln mesothelin [Mus musculus (house mouse)]
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
UniProt ID	Q61468

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