

Active GMP Recombinant Human MSLN protein

Cat. No. MSLN-976HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human MSLN protein(NP_001170826)(284 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human MSLN(GenBank: AAH09272.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Human Mesothelin (His Tag) at 1ug/ml (100 uL/well) that can bind to Anti-human MSLN monoclonal antibody is 0.05-5ng/mL.
Molecular Mass	Recombinant Human MSLN protein contains284aa. It has a predicted MW of 33.7kDa.
Endotoxin	<0.05EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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]
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Official Symbol	MSLN
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Synonyms	MSLN; Mesothelin; MPF
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Gene ID	10232
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mRNA Refseq	NM_001177355
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Protein Refseq	NP_001170826
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MIM	601051
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UniProt ID	Q13421
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