

Active Recombinant Human MSLN, His-tagged

Cat. No. MSLN-301H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MSLN (Accession # AAH09272) Glu296-Gly580, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	296-580 a.a.
Predicted N Terminal	Glu296
Form	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human CA125/MUC16 is coated at 2 µg/mL (100 µL/well), the concentration of Recombinant Human Mesothelin that produces 50% of the optimal binding response is found to be approximately 0.5 - 2.5 µg/mL.
Molecular Mass	Recombinant Human MSLN, His-tagged has a calculated MW of 33 kDa. In SDS-PAGE migrates as 40-45 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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
Chromosome Location	16p13.3

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