

Recombinant Full Length Human MST1 Protein, GST-tagged

Cat. No. MST1-6473HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MST1 full-length ORF (NP_066278.2, 1 a.a. - 711 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	711 amino acids
Description	The protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds. [provided by RefSeq, Jan 2010]
Molecular Mass	106.7 kDa
AA Sequence	MGWLPLLLLLLTQCLGVPGQRSPLNDFQVLRGTELQHLLHAVVPGPWQEDVADAAEE CAGRCGPLMDCRAFHYNVSSHGCQLLPWTQHSPHTRLRRSGRCDLFQKKDYVRT CIMNNGVGYRGTMATTVGGLPCQAWSHKFPNDHKYTPTLRNGLEENFCRNPDGDP GGPWCYTTPDAVRFQSCGIKSCREAACVWCNGEEYRGAVDRTESGRECQRWDLQ HPHQHPPFEPGKFLDQGLDDNYCRNPDGSERPWCYTTPDQIEREFCDLPRCGSEAQ PRQEATTVSCFRGKGEGYRGTAANTTTAGVPCQRWDAQIPHQHRFTPEKYACKDLR

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ENFCRNPDGSEAPWCFTLRPGMRAAFQYQIRRCTDDVRPQDCYHGAGEQYRGTV
SKTRKGVQCQRWSAETPHKPQFTFTSEPHAQLEENFCRNPDGSDSHGPWCYTMDP
RTPFDYCALRRACADDQPPSILDPPDQVQFEKCGKRVDRLDQRRSKLRVVGHPGN
SPWTVSLRNRQGQHFCGGSVLKEQWILTARQCFSSCHMPLTGYEVWLGTLFQNPQ
HGEPSLQRPVAKMVCGPSGSQLVLLKLEKSVTLNQRVALICLPPEWYVPPGKTC
EIAGWGETKGTGNDTVLNVALLNVISNQECNIKHRGRVRESEMCTEGLLAPVGACE
GDYGGPLACFTHNCWVLEGIIPNRVCARSRWPAVFTRVSVFVDWIHKVMRLG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MST1 macrophage stimulating 1 \(hepatocyte growth factor-like\) \[Homo sapiens \]](#)

Official Symbol [MST1](#)

Synonyms MST1; macrophage stimulating 1 (hepatocyte growth factor-like); D3F15S2, DNF15S2, HGFL; hepatocyte growth factor-like protein; hepatocyte growth factor like protein homolog; MSP; NF15S2; macrophage-stimulating protein; hepatocyte growth factor-like protein homolog; HGFL; D3F15S2; DNF15S2;

Gene ID [4485](#)

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mRNA Refseq	NM_020998
Protein Refseq	NP_066278
MIM	142408
UniProt ID	P26927

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