

Recombinant Human MST1 Protein, GST-tagged

Cat. No. MST1-5670H **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	Wheat Germ
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	MGWLPLLLLLLTQCLGVPQGRSPLNDFQVLRGTELQHLLHAVVPGPWQEDVADAAE CAGRCGPLMDCRAFHYNVSSHGCQLLPWTQHSPHTRLRRSGRCDLFQKKDYVRT CIMNNGVGYRGTMATTVGGLPCQAWSHKFPNDHKYTPTLRNGLEENFCRNPDGDP GGPWCYTTPDAVRFQSCGIKSCREAAACVWCNGEEYRGAVDRTESGRECQRWDLQ HPHQHHPFEPGKFLDQGLDDNYCRNPDGSERPWCYTTPDIEREFCDLPRCGSEAQ PRQEATTVSCFRGKGEGYRGTTANTTTAGVPCQRWDAQIPHQHRFTPEKYACKDLR ENFCRNPDGSEAPWCFTLRPGMRAAFCYQIRRCTDDVRPQDCYHGAGEQYRGTV

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SKTRKGVQCQRWSAETPHKPQFTFTSEPHAQLEENFCRNPDGDSHGPPWCYTMDP
 RTPFDYCALRRRCADDQPPSILDPPDQVQFEKCGKRVDRLDQRRSKLRVVGHPGN
 SPWTVSLRNRQGQHFCGGSLVKEQWILTARQCFSSCHMPLTGYEVWLGLTFQNPQ
 HGEPSLQRVPVAKMVCPSGSQLVLLKLSVTLNQRVALICLPPEWYVPPGKTC
 EIAGWGETKGTGNDTVLNVALLNVISNQEKNIKHRGRVRESEMCTEGLLAPVGACE
 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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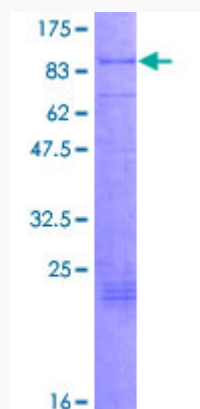
mRNA Refseq NM_020998

Protein Refseq NP_066278

MIM 142408

UniProt ID P26927

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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