

## Product datasheet for **TP329352**

### **MST1 (NM\_020998) Human Recombinant Protein**

#### **Product data:**

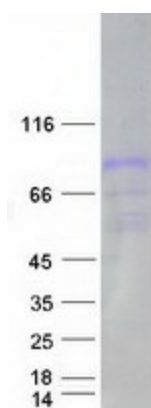
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens macrophage stimulating 1 (hepatocyte growth factor-like) (MST1), 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC229352 representing NM_020998 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGLWWVTVQPPARRMGWLPLLLLLTQCLGVPGQRSPLNDFQVLRGTELQHLLHAVPGPWQEDVADAEEC AGRCGLMDCRAFHYNVSSHGCQLLPWTQHSPHTRLRRSGRCDLFQKKDYVRTCIMNNGVGYRGTMTATTV GGLPCQAWSHKFPNDHKYPTLRNGLEENFCRNPDGDPPGWCYTTDPAVRFQSCGIKSCREAAACVWCNG EEYRGAVDRTESGRECQRWDLQHPHQHPFEPGKFLDQGLDDNYCRNPDGSERPWCYTTDPQIEREFCDLP RCGSEAPRQEATTVSCFRGKGEYRGYRGTANTTTAGVPCQRWDAQIPHQHRFTPEKYACKDLRENFRCRNP GSEAPWCFTLRPGMRAAFQYQIRRCTDDVRPQDCYHGAGEQYRGTVSKTRKGVQCQRWSAETPHKQPQTF TSEPHAQLEENFCRNPDGDSDHGPWCYTMPDPTPFYCALRRCADDPSPILDPPDQVQFEKCGKRVDRLD QRRSKLRVWGGHPGNSPWTVSLRNRRQGQHFCGGSVKEQWILTARQCFSCHMPLTGYEVWLGTLFQNPQ HGEPQLRQVPVAKMVCPSGSQLVLLKLEERSVTLNQRVALICLPPEWYVPPGKCEIAGWGETKGTGND TVLNVALLNVISNQCENIKHRGRVRESEMCTEGLLAPVGACEGDYGGPLACFTHNCWVLEGIIPNRVCA RSRWPAVFTRVSVFVDWIHKVMRLG  <b>SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	78.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_066278</a>
<b>Locus ID:</b>	4485
<b>UniProt ID:</b>	<a href="#">P26927</a> , <a href="#">G3XAK1</a> , <a href="#">Q53GN8</a>
<b>Cytogenetics:</b>	3p21.31
<b>RefSeq ORF:</b>	2175
<b>Synonyms:</b>	D3F15S2; DNF15S2; HGFL; MSP; NF15S2
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified MST1 protein (Cat# TP329352). The protein was produced from HEK293T cells transfected with MST1 cDNA clone (Cat# [RC229352]) using MegaTran 2.0 (Cat# [TT210002]).