

## Recombinant Human MST1 Protein, MYC/DDK-tagged

Cat. No. MST1-2088H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | Recombinant human MST1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</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>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 78.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MST1 macrophage stimulating 1 (hepatocyte growth factor-like) [ Homo sapiens ] |
| <b>Official Symbol</b> | MST1                                                                           |
| <b>Synonyms</b>        | D3F15S2; DNF15S2; HGFL; MSP; NF15S2                                            |
| <b>Gene ID</b>         | 4485                                                                           |
| <b>mRNA Refseq</b>     | NM_020998                                                                      |
| <b>Protein Refseq</b>  | NP_066278                                                                      |
| <b>MIM</b>             | 142408                                                                         |
| <b>UniProt ID</b>      | P26927                                                                         |

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