

Active Recombinant Human MST1

Cat. No. MST1-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MST1 (Accession # AAA59872) Gln19-Arg483 (alpha -chain) & Val484-Gly711 (beta -chain) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	19-483;484-711 a.a.
Predicted N Terminal	No results obtained: Gln19 predicted (alpha -chain) & Val484 (beta -chain)
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to activate MSP R/Ron in MDA-MB-453 or T47D human breast cancer cells.80 ng/mL of the rhMSP significantly induces phosphorylation of MSP R/Ron measured by DuoSet® IC human phospho-MSP R/Ron kit.
Molecular Mass	Recombinant Human MST1 has a calculated MW of 53 kDa (alpha -chain), 25 kDa (beta -chain). In SDS-PAGE migrates as 85 kDa, non-reducing conditions.
Purity	>90%, 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 [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](#)

mRNA Refseq [NM_020998](#)

Protein Refseq [NP_066278](#)

MIM [142408](#)

UniProt ID P26927

Chromosome Location 3p21

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