Active Recombinant Mouse Mst1

Cat. No. Mst1-599M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mst1 (Accession # NP_032269) Met1-Glu716, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Met1-Glu716
Predicted N Terminal	No results obtained for alpha -chain, sequencing might be blocked: Gln19 predicted (alpha -chain) & Val489 (beta -chain)
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA.When Recombinant Mouse MSP R/Ron Fc Chimera is coated at 1 μg/mL (100 μl/well), the concentration of Recombinant Mouse MSP/MST1 that produces 50% of the optimal binding response is found to be approximately 1 - 6 ng/mL.
Molecular Mass	Recombinant Mouse Mst1 has a calculated MW of 53.7 kDa (alpha -chain) & 25 kDa (beta -chain). In SDS-PAGE migrates as 61-62 kDa & 30-31 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

Gene Name	Mst1 macrophage stimulating 1 (hepatocyte growth factor-like) [Mus musculus]
Official Symbol	Mst1
Synonyms	MST1; macrophage stimulating 1 (hepatocyte growth factor-like); hepatocyte growth factor-like protein; MSP; macrophage stimulatory protein; Hgfl; D3F15S2h; DNF15S2h; D9H3F15S2;
Gene ID	15235
mRNA Refseq	NM_008243
Protein Refseq	NP_032269
MIM	

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