

Active Recombinant Human Met Protein, GST-His-tagged

Cat. No. MET-5452H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Met Protein(P08581-1) (Lys956-Ser1390) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Lys956-Ser1390
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. The specific activity was determined to be 10 nmol/min/mg using MBP as substrate. 2. Measured by its binding ability in a functional ELISA. Immobilized human HGFR (aa 956-1390) at 10 µg/ml (100 µl/well) can bind biotinylated human HGF-his with a linear range of 15.6-125 ng/ml.
Molecular Mass	The recombinant human MET /GST chimera consists of 672 amino acids and has a calculated molecular mass of 76.8 kDa. The recombinant protein migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MET met proto-oncogene (hepatocyte growth factor receptor) [Homo sapiens]
Official Symbol	MET
Synonyms	MET; met proto-oncogene (hepatocyte growth factor receptor); hepatocyte growth factor receptor; HGFR; RCCP2; SF receptor; HGF receptor; oncogene MET; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase; AUTS9; c-Met;
Gene ID	4233
mRNA Refseq	NM_000245
Protein Refseq	NP_000236
MIM	164860
UniProt ID	P08581

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