Recombinant Human Met Proto-Oncogene (hepatocyte growth factor receptor), GST-tagged

Cat. No. MET-1271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanMET is expressed in insect cells, 53.7 kDa and N-terminal GST tag.
Species	Human
Source	Insect Cells
Description	MET is a receptor-liketyrosine kinase comprised of disulfide-linked heterodimeric structure with a50-kDa extracellular « chain and a 145-kDa extracellular transmembrane chain.The methionine at residue 1250 has been replaced by threonine to mimic a drugresistant form of MET.
Form	Liquid in a bufferof 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mMDTT + 50% Glycerol
Molecular Weight	53.7 kDa
Concentration	0.31 mg/ml
Purity	> 70% asdetermined by SDS-PAGE analysis
Specific Activity	≥ 100 nmolphosphate transferred to Myelin Basic Protein (MBP) substrate/min/mg
Storage	Store in workingaliquots at -80°C. Product is stable for 6 months when stored as

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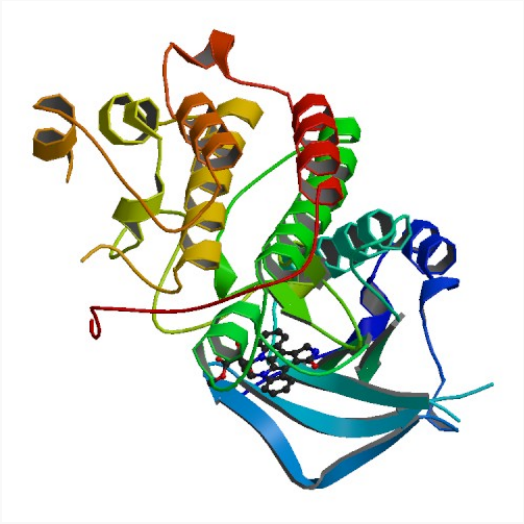
	directed. Avoidrepeated freeze-thaw cycles.
OfficialSymbol	MET

GENE INFORMATION

Gene Name	MET met proto-oncogene(hepatocyte growth factor receptor) [Homo sapiens]
Synonyms	MET; metproto-oncogene (hepatocyte growth factor receptor); HGFR; AUTS9; RCCP2;c-Met; hepatocyte growth factor receptor; SF receptor; HGF receptor; oncogeneMET; HGF/SF receptor; OTTHUMP00000024917; OTTHUMP00000069168; proto-oncogenec-Met; scatter factor receptor; tyrosine-protein kinase Met; metproto-oncogene tyrosine kinase; EC 2.7.10.1; EC 2.7.10
Gene ID	4233
mRNA Refseq	NM_000245
Protein Refseq	NP_000236
MIM	164860
UniProt ID	P08581
Chromosome Location	7q31
Pathway	Adherens junction;Alpha6-Beta4 Integrin Signaling Pathway; Bacterial invasion of epithelialcells; Cytokine-cytokine receptor interaction; Developmental Biology;Endocytosis; Epithelial cell signaling in Helicobacter pylori infection; FGFsignaling pathway; Melanoma; Pathways in cancer; Renal cell

	carcinoma;Semaphorin interactions; Signaling events mediated by TCPTP;Syndecan-1-mediated signaling events
Function	ATP binding;hepatocyte growth factor-activated receptor activity; nucleotide binding;protein binding; protein tyrosine kinase activity; receptor activity
Crystallographicstructu of MET. PDB rendering based on 1r0p.	

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