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

Cat. No. MET-1272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanMET catalytic domain (amino acids 956-1390) with N-terminal His tag.
Species	Human
Source	Insect Cells
ProteinLength	956-1390 a.a.
Description	MET is a receptor-liketyrosine kinase whose disregulation has been linked to many types of humanmalignancies. No special measures were taken to activate this kinase.
Form	Liquid in 20 mMTris, pH 7.5 + 100 mM NaCl + 0.5 mM EDTA + 0.05% Triton X-100 + 2 mM DTT +50% glycerol
Molecular Weight	53.7 kDa
Purity	≥ 90% as determinedby SDS-PAGE analysis
Storage	Stable for 6 monthsin working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	MET

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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

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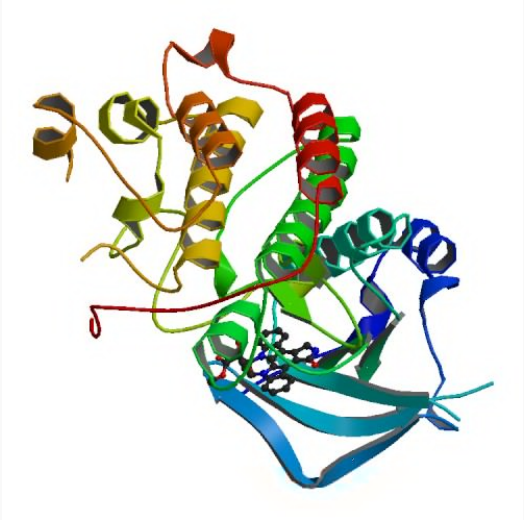
	binding;protein binding; protein tyrosine kinase activity; receptor activity
Crystallographicstructu of MET. PDB rendering based on 1r0p.	

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