Recombinant Human MET, GST-tagged, Active

Cat. No. MET-353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MET (956-end) was expressed by baculovirus in*Sf9*insect cells using an N-terminal GST tag. MW = 81 kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	956-end a.a.
Description	MET is a proto-oncogene that encodes a transmembrane growth factor receptor which is a heterodimer of two disulphide linked chains of 50 kDa (alpha) and 145 kDa (beta). MET is widely expressed in the kidney, brain, lung, skin, and embryonic tissue. Hepatocyte growth factor (HGF) binds to MET and activates its tyrosine kinase activity. MET is overexpressed and activated in a variety of human cancers including pancreatic, colon, gastric, cervical and ovariancancers and has been shown to be involved in tumor cell migration and invasion.
Sequence	956-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70℃. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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GENE INFORMATION

Gene Name	MET met proto-oncogene (hepatocyte growth factor receptor) [Homo sapiens]
Synonyms	MET; met proto-oncogene (hepatocyte growth factor receptor); AUTS9; HGFR; RCCP2; c-Met; HGF receptor; OTTHUMP00000069168; SF receptor; met proto-oncogene; met proto-oncogene tyrosine kinase; oncogene MET; scatter factor receptor; EC 2.7.10.1; HGF/SF receptor; met proto-oncogene
Gene ID	4233
mRNA Refseq	NM_000245
Protein Refseq	NP_000236
MIM	164860
UniProt ID	P00533
Chromosome Location	7q31
Pathway	Adherens junction; Axon guidance; Colorectal cancer; Cytokine-cytokine receptor interaction; Epithelial cell signaling in Helicobacter pylori infection; Focal adhesion; Melanoma; Renal cell carcinoma
Function	Cell proliferation; cell surface receptor linked signal transduction; multicelllular organismal development; protein amino acid phosphorylation

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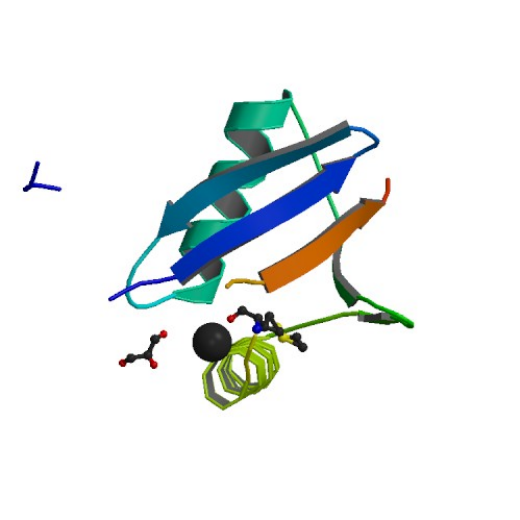
PDB rendering based on 2c60.	

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