Active Recombinant Human MET Protein, GST/His-tagged

Cat. No. MET-4420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MET (NM_000245.2, 956 a.a. - 1390 a.a.) partial recombinant protein with GST-His tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
ProteinLength	956.-1390. a.a.
Description	The proto-oncogene MET product is the hepatocyte growth factor receptor and encodes tyrosine-kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. Various mutations in the MET gene are associated with papillary renal carcinoma. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Form	Liquid
Bio-activity	105 pmol/μg x min
Molecular Mass	78.788 kDa
AA Sequence	KKRKQIKDLGSELVRYDARVHTPHLDRLVSARSVSPTTEMVSNESVDYRATFPEDQ FPNSSQNGSCRQVQYPLTDMSPILTSGDSDISSPLLQNTVHIDLSALNPELVQAVQH VVIGPSSLIVHFNEVIGRGHFGCVYHGTLLDNDGKKIHCAVKSLNRITDIGEVSQFLTE

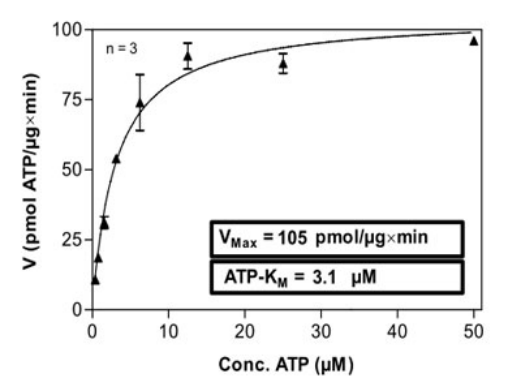
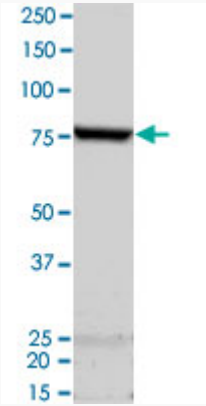
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	GIIMKDFSHPNVLSLLGICLRSEGSPLVVLPYMKHGDLRNFIRNETHNPTVKDLIGFGL QVAKAMKYLASKKFVHRDLAARNCMLDEKFTVKVADFGLARDMYDKEYYSVHNKT GAKLPVKWMALESLQTQKFTTKSDVWSFGVVLWELMTRGAPPYPDVNTFDITVYLL QGRRLLQPEYCPDPLYEVMLKCWHPKAEMRPSFSELVSRISAIFSTFIGEHYVHVNA TYVNVKCVAPYPSLLSSEDNADDEVDTRPASFWETS
Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	0.144 μg/μL
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)

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

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Protein Refseq	NP_000236
MIM	164860
UniProt ID	P08581
Result of activity analysis	
Quality Control Testing	 2 µg/lane SDS-PAGE Stained with Coomassie Blue

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