

## Recombinant Human MET

Cat. No. MET-28602TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment of Human Met , mutated at Methionine 1250 with a Threonine, with N-terminal proprietary tag, 81kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	435 amino acids
<b>Description</b>	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.
<b>Molecular Weight</b>	81.000kDa inclusive of tags
<b>Biological activity</b>	Specific activity of MET-28602TH was determined to be 185 nmol/min/mg as per activity assay protocol.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification

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<b>Storage buffer</b>	pH: 7.50 Constituents: 0.79% Tris buffered saline, 0.88% Sodium chloride, 0.003% EDTA, 0.003% DTT, 0.002% PMSF, 25% Glycerol
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Belongs to the protein kinase superfamily. Tyr protein kinase family. Contains 3 IPT/TIG domains. Contains 1 protein kinase domain. Contains 1 Sema domain.

## GENE INFORMATION

<b>Gene Name</b>	MET met proto-oncogene (hepatocyte growth factor receptor) [ Homo sapiens ]
<b>Official Symbol</b>	MET
<b>Synonyms</b>	MET; met proto-oncogene (hepatocyte growth factor receptor); hepatocyte growth factor receptor; HGFR; RCCP2;
<b>Gene ID</b>	4233
<b>mRNA Refseq</b>	NM_000245
<b>Protein Refseq</b>	NP_000236
<b>MIM</b>	164860
<b>Uniprot ID</b>	P08581
<b>Chromosome Location</b>	7q31
<b>Pathway</b>	Adherens junction, organism-specific biosystem; Adherens junction, conserved

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biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem;  
Arf6 signaling events, organism-specific biosystem; Axon guidance, organism-specific  
biosystem;

**Function**

ATP binding; hepatocyte growth factor-activated receptor activity; nucleotide binding;  
protein binding; protein tyrosine kinase activity;

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