

Recombinant Human MET

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

SPECIFICATION

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

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Storage buffer	pH: 7.50Constituents:0.79% Tris buffered saline, 0.88% Sodium chloride, 0.003% EDTA, 0.003% DTT, 0.002% PMSF, 25% Glycerol
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	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	
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;
Gene ID	4233
mRNA Refseq	NM_000245
Protein Refseq	NP_000236
MIM	164860
Uniprot ID	P08581
Chromosome Location	7q31
Pathway	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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