

## Recombinant Human MET

Cat. No. MET-29608TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 956-1390 of Human Met with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system, 81kDa.
<b>Species</b>	Human
<b>ProteinLength</b>	956-1390 a.a.
<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>Biological activity</b>	The Specific activity of MET-29608TH was determined to be 44 nmol/min/mg.
<b>Form</b>	Liquid
<b>Storage buffer</b>	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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 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;

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protein binding; protein tyrosine kinase activity;

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