

Recombinant Human MET protein, His-Avi-tagged

Cat. No. MET-105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HGFR/c-MET Protein is expressed from mammalian with a poly-His and Avi tag at the C-terminal. It contains Glu 25 - Thr 932.
Species	Human
Source	HEK293
ProteinLength	It contains Glu 25 - Thr 932 .
Description	c-Met, also called tyrosine-protein kinase Met or hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene. The protein possesses 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. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1. Recruitment of these downstream effectors by MET leads to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. The RAS-ERK activation is associated with the morphogenetic effects while PI3K/AKT coordinates prosurvival effects. During embryonic development, MET signaling.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The Human HGFR/c-MET Protein has a calculated MW of 104.6 kDa .As a result of glycosylation, the protein migrates as 80-85 kDa under reducing (R) condition (Bis-

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	Tris PAGE)
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MET met proto-oncogene (hepatocyte growth factor receptor) [Homo sapiens]
Official Symbol	MET
Synonyms	MET; oncogene MET; Proto-oncogene c-Met ;HGF R; HGF receptor; HGF/SF receptor; HGFR;AUTS9; cMET; c-MET; EC 2.7.10; EC 2.7.10.1; hepatocyte growth factor receptor; Met (c-Met); met proto-oncogene (hepatocyte growth factor receptor); met proto-oncogene tyrosine kinase; RCCP2; Scatter factor receptor; SF receptor; Tyrosine-protein kinase Met
Gene ID	4233
mRNA Refseq	NM_000245
Protein Refseq	NP_000236
MIM	164860

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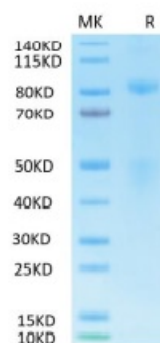
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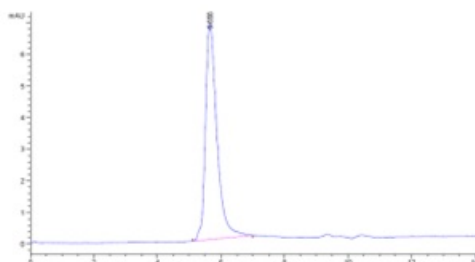
UniProt ID

P08581

Tris-Bis PAGE



HPLC data

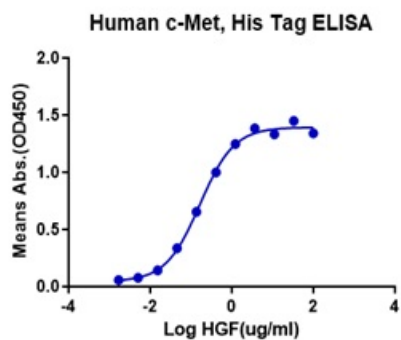


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ELISA data



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