

# Recombinant Human MET Protein, C-Myc/DDK-tagged

## Product Information

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<b>Cat</b>	IMP-7746
<b>Official Symbol</b>	MET
<b>Product Overview</b>	Recombinant protein of human met proto-oncogene (hepatocyte growth factor receptor) (MET), transcript variant 2 with a C-Myc/DDK tag was expressed in HEK293T.
<b>Description</b>	<i>This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers. [provided by RefSeq, May 2016]</i>
<b>Expression System</b>	HEK293T
<b>Species</b>	Human
<b>Tag</b>	C-Myc/DDK
<b>Form</b>	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
<b>Molecular Mass</b>	153 kDa
<b>AA Sequence</b>	MKAPAVLAPGILVLLFTLVQRSNGECKEALAKSEMNVNMKYQLPNFTAET PIQNVILHEHHIFLGATNYIYVLNEEDLQKVAEYKTGPVLEHPDCFPQCDC SSKANLSGGVWVDNINMALVVDTYDDQLISCGSVNRGTCQRHVFPNH TADIQSEVHCIFSPQIEEPSQCPDCVVSALGAKVLSSVKDRFINFFVGNTIN SSYFPDHPLHSISVRRLLKETKDGFMFLTDQSYIDVLPEFRDSYPIKYVHAF ESNNFIYFLTVQRETLDAQTFHTRIIRFCSINSGLHSEMPLECILTEKRK KRSTKKEVFNILQAAYVSKPGAQLARQIGASLNDLILFGVFAQSKPDSAEP MDRSAMCAFPKYVNDFFNKIVNKNVRLQHFYGPNEHCNRTLLRN SSGCEARRDEYRTEFTTALQRVDLFMGQFSEVLLTSISTFIKGLTIANLG TSEGRFMQVVVSRSGPSTPHVNFLLDHPVSPEVIVEHTLNQNGYTLVIT GKKITKIPLNGLGCRHFQSCSQCLSAPPFVQCGWCHDKCVRSEECLSGT WTQQICLPAIYKVPNSAPLEGGTRLTICGWDFGFRRNNKFDLKKTRVLL GNESCTLTLSESTMNTLKCTVGPAMNKHFNMSIIISNGHGTTQYSTFSYV DPVITSISPKYGPAGGTLTTLTGNYLNSGNSRHRISIGGKTCTLKSVSNSIL ECYTPAQTISTEFAVKLKIDLANRETSIFSYPREDPIVYIEIHPTKSFISGGSTIT GVGKNLNSVSVPRMVINVHEAGRNFVACQHRNSSEIICCTTPSLQQLNL

QLPLKTKAFFMLDGILSKYFDLIYVHNPVFKPFKPMISMGNENVLEIKGN  
DIDPEAVKGEVLKVGKSCENIHLHSEAVLCTVPNDLLKLNSELNIEWKQA  
ISSTVLGKVVQPDQNFTGLIAGVVSISTALLLLGFFLWLKCRKQIKDLGSE  
LVRYDARVHTPHLDRLVSARSVSPTTEMVSNESVDYRATFPEDQFPNSS  
QNGSCRQVQYPLTDMSPILTSGDSDISSPLLQNTVHIDLSALNPELVQAV  
QHVVIGPSSLIVHFNEVIGRGHFVYHGTLDDNDGKKIHCVAKSLNRITDI  
GEVSQFLTEGIIMKDFSHPNVLSLLGICLRSEGSPLVVLVPMKHGDLRNF  
RNETHNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCMLDEKFTV  
KVADFGLARDMYDKEYYSVHNKTGAKLPVKWMALESQTQKFTTKSDV  
WSFGVLLWELMTRGAPPYPDVNTFDITVYLLQGRLLQPEYCPDPLYEV  
MLKCWHPKAEMRPSFSELVSRISAIFSTFIGEHYVHVNATYVNVKCVAPY  
PSLLSSEDNADDEVDTRPASFWETSTRTRPLEQKLISEEDLAANDILDYKD  
DDDKV

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining.

**Storage**

Store at -80 centigrade. *Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.*

**Concentration**

> 50 µg/mL as determined by microplate BCA method.