9051 Mira Mesa Blvd, #910094
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MET Human

Met Proto-Oncogene Human Recombinant
RCP1357

Product Overview

Name	MET Human
Description	
Met Proto-Oncogene Human Recombinant	
Accession (Primary)	P08581
Synonyms	
Hepatocyte growth factor receptor, HGF receptor, HGF/SF receptor, Proto-oncogene c-Met, Scatter factor receptor, SF receptor, Tyrosine-protein kinase Met, MET, HGFR, AUTS9, RCCP2.	
Introduction	
Mesenchymal epithelial transition factor (c-MET) is a proto-oncogenic receptor tyrosine kinase. The endogenous ligand for c-MET is HGF (hepatocyte growth factor), which is a disulfide-linked heterodimeric molecule produced predominantly by mesenchymal cells. In the adult, c-MET protein expression is limited to stem and progenitor cells and is required for wound healing and hepatocyte regeneration. In the embryo, c-MET receptors are expressed on cells of epithelial origin, which are vital for invasive growth and mediate epithelial-mesenchymal transition (EMT). Abnormal activation of the HGF/MET pathway leads to a variety of cancers. c-MET mutation is linked with a poor prognosis since it can trigger tumor growth, angiogenesis and metastasis.	
Source	
Insect cells.	
Physical Appearance	
Sterile Filtered clear colorless solution.	
Formulation	
MET protein (1mg/ml) is supplied in 50mM Tris, 300mM NaCl, 10% Glycerol, pH 7.5.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
DSDISSPLLQNTVHIDLSALNPELVQAVQHVVIGPSSLIVHFNEVIGRGHFGCVYHGTL	

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LDNDGKKIHCAVKSLNRITDIGEVSQFLTEGIIMKDFSHPNVLSLLGICLRSEGSPLVVL

PYMKHGDLRNFIRNETHNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCMLDE

KFTVKVADFGLARDMYDKEYYSVHNKTGAKLPVKWMALESLQTQKFTTKSDVWSFG

VLLWELMTRGAPPYPDVNTFDITVYLLQGRRLLQPEYCPDPLYEVMLKCWHPKAEM RPSFSELVSRISAIFSTFI.

Precautions

MET Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P08581)