32-4202: Recombinant Human Met Proto-Oncogene

Alternative Name : 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.

Description

Source : Insect cells. Met Proto-Oncogene Human Recombinant produced in Insect cells amino acids 1039-1345, having a molecular weight of 34.6kDa.c-MET is purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	c-MET protein (1mg/ml) is supplied in 50mM Tris, 300mM NaCl, 10% Glycerol, pH 7.5.
Storage condition :	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.
Amino Acid :	DSDISSPLLQNTVHIDLSALNPELVQAVQHVVIGPSSLIVHFNEVIGRGHFGCVYHGTLLDNDGKKIHCAVKSLN RITDIGEVSQFLTEGIIMKDFSHPNVLSLLGICLRSEGSPLVVLPYMKHGDLRNFIRNETHNPTVKDLIGFGLQVAK GMKYLASKKFVHRDLAARNCMLDEKFTVKVADFGLARDMYDKEYYSVHNKTGAKLPVKWMALESLQTQKFTT KSDVWSFGVLLWELMTRGAPPYPDVNTFDITVYLLQGRRLLQPEYCPDPLYEVMLKCWHPKAEMRPSFSELVS RISAIFSTFI.