

32-8942: Recombinant Human Hepatocyte Growth Factor Receptor/HGF R/cMet (C-Fc)

Gene : MET
Gene ID : 4233
Uniprot ID : P08581

Description

Source: Human Cells.
MW :128.4kD.

Recombinant Human Hepatocyte Growth Factor Receptor is produced by our Mammalian expression system and the target gene encoding Glu25-Thr932 is expressed with a Fc tag at the C-terminus. Hepatocyte growth factor receptor (HGF R) is a glycosylated receptor tyrosine kinase that plays a central role in epithelial morphogenesis and cancer development. HGF R is synthesized as a single chain precursor which undergoes cotranslational proteolytic cleavage. Mature HGF R is a disulfide-linked dimer composed of a 50 kDa extracellular a chain and a 145 kDa transmembrane beta chain. Proteolysis and alternate splicing generate additional forms of human HGF R which either lack of the kinase domain, consist of secreted extracellular domains, or are deficient in proteolytic separation of the a and beta chains. The sema domain, which is formed by both a and beta chains of HGF R, mediates both ligand binding and receptor dimerization. HGF stimulation induces HGF R downregulation via internalization and proteasomedependent degradation. Paracrine induction of epithelial cell scattering and branching tubulogenesis results from the stimulation of HGF R on undifferentiated epithelium by HGF released from neighboring mesenchymal cells.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : ECKEALAKSEMNVNMKYQLPNFTAETPIQNVILHEHHIFLGATNYIYVLNEEDLQKVAEYKTPVLE
HPDCFCQDCSSKANLSGGVWVDNINMALVVDYDDQLISCGSVNRGTCQRHVFPNHHTADIQS
EVHCIFSPQIEEPSQCPDCVVSALGAKVLSSVKDRFINFFVGNINSSYFPDHPLHSISVRRLLKETKD
GFMFLTDQSYIDVLPFRDSYPIKYVHAFESNNFIYFLTVQRETLDAQTFHTRIIRFCSINSLHSYME
MPLECILTEKRKRSTKKEVFNILQAAYVSKPGAQLARQIGASLNDDILFGVFAQSKPDSAEPMDRS
AMCAFPKYVNDFFNKIVNKNVNRCLQHFYGPNEHECFNRLLRNSSGCEARRDEYRTEFTTALQR
VDLFMGQFSEVLLTSISTFIKGLTIANLGTSEGRFMQVVVSRSGPSTPHVNFLLDSHPVSPEVIVEH
TLNQNGYTLVITGKKITKIPLNGLGCRHFQSCSQCLSAPPFVQCGWCHDKCVRSEECLSGTWTQQI
CLPAIYKVPNSAPLEGGTRLTICGWDFGFRNNKFDLKKTRVLLGNESCTLTLESTMNTLKCTVG
PAMNKHFNMSIIISNGHGTTQYSTFSYVDPVITSISPKYGPMAAGTLLTLTGNYLNSGNSRHISGGK
TCTLKSVNSILECYTPAQTISTEFAVCLKIDLANRETSIFSREDPIVYIEIHPKTSFISGGSTITGVGK
NLNSVSVPRMVINVHEAGRNFVACQHRNSNIEICCTTPSLQQLNLQLPLKTKAFFMLDGILSKYFD
LIYVHNPVFKPFKPMISMGNENVLEIKGNDIDPEAVKGEVLKVGKSCENIHLHSEAVLCTVPNDL
LKLNSLNIWKQAISSVTLGKVIVQPDQNFTHIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFP
PKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVL
HQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPS
DIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQK
SLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.