

## 32-6383: HGF Mouse

**Alternative Name :** hepatocyte growth factor receptor, HGF R/c-MET, Met, AI838057, c-Met, HGF, HGFR, Par4, HGF receptor, HGF/SF receptor, Proto-oncogene c-Met, Scatter factor receptor, SF receptor, Tyrosine-protein kinase Met.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

HGF, also known as scatter factor (SF) and Hepatocyte growth factor, is secreted from mesenchymal cells, targets and acts mainly on epithelial and endothelial cells. The protein is a paracrine cellular growth, motility and morphogenic factor. HGF can also be part of haemopoietic progenitor cells and T cells. HGF has a crucial role in embryonic organ development, mainly in myogenesis. In adults HGF takes part in organ regeneration and wound healing.

HGF Mouse Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 1146 amino acids (25-931aa) and having a molecular mass of 127.8kDa. HGF is fused to a 239 amino acid hIgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 85.0% as determined by SDS-PAGE.

**Content :** HGF protein (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** ECKEALVKSE MNVNMKYQLP NFTAETPIQN VVLHGHHIYL GATNYIYVLN DKDLQKVSEF KTGVPVLEHPD  
CLPCRDCSSK ANSSGGVWWD NINMALLVDT YYDDQLISCG SVNRGTCQRH VLPPDNSADI  
QSEVHCFMFSF EEESGQCPDC VVSALGAKVL LSEKDRFINF FVGNTINSSY PPGYSLHSIS VRRKQDQDG  
FKFLTDQSYI DVLPEFQDSY PIKYIHAFES NHFIYFLTVQ KETLDAQTFH TRIIRFCSVD SGLHSYMEMP  
LECILTEKRR KRSTREEVFN ILQAAYVSKP GANLAKQIGA SPSDDILFGV FAQSKPDSAE PVNRSVAVCAF  
PIKYVNDFFN KIVNKNVRC LQHFYGNHE HCFNRTLLRN SSGCEARSDE YRTEFTTALQ RVDLFMGRLLN  
QVLLTSISTF IKGDLTIANL GTSEGRFMQV VLSRTAHLTP HVNFLLDSPH VSPEVIVEHP SNQNGYTLV  
TGKKITKIPL NGLGCGHFQS CSQCLSAPYF IQCGWCHNQC VRFDECPSTG WTQEIPLPAV YKVFPTSAPL  
EGGTVLTICG WDFGFRKNNK FDLRKTAVLL GNESTLTLT ESTTNTLTKCT VGPAMSEHFN VSVIISNSRE  
TTQYSAFSYV DPVITSISPR YGPQAGGTLT TLTKGKYLNSG NSRHISIGGK TCTLKSVDSDS ILECYTPAQT  
TSDEFVVKLK IDLANRETSS FSYREDPVVY EIHPTKSFIS GGSTITGIGK TLNSVSLPKL VIDVHEVGVN  
YTVACQHRSN SEIICCTTPS LKQLGLQLPL KTKAFFLLDG ILSKHFDLTY VHNPFVFEPE KPMISIGNE  
NVVEIKGNNI DPEAVKGEVL KVGNSQCESL HWHSGAVLCT VPSDLLKLSN ELNIEWKQAV SSTVLGKQV  
QPDQNFALP KSCDKTHTCP PCPAPELLGG PSVFLFPPK KDTLMISRTP EVTCVVVDVS HEDPEVKFNW  
YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYCKKVSNAK LPAPIEKTIS KAKGQPREPQ  
VYTLPPSRDE LTKNQVSLTLC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LQSDGTSFLLY SKLTVDKSRW  
QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH.