

## 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 VRRLLKETQDG FKFLTDQSYI DVLPEFQDSY PIKYIHAFES NHFIYFLTVQ KETLDAQTFH TRIIRFCSVD SGLHSYMEMP LECILTEKRR KRSTREEVFN ILQAAYVSKP GANLAKQIGA SPSDDILFGV FAQSKPDSAE PVNRSVAVCAF PIKYVNDFFN KIVNKNVRC LQHFYGNHE HCFNRTLLRN SSGCEARSDE YRTEFTTALQ RVDLFMGRLL QVLLTSISTF IKGDLTIANL GTSEGRFMQV VLSRTAHLTP HVNFLLDLSDP VSPEVIVEHP SNQNGYTLV TGKKITKIPL NGLGCGHFQS CSQCLSAPYF IQCGWCHNQC VRFDECPSTG WTQEICLPAV YKVFPTSAPL EGGTVLTICG WDFGFRKNNK FDLRKTIVLL GNESTLTLT ESTTNTLTKCT VGPAMSEHFN VSVIISNSRE TTQYSAFSYV DPVITSISPR YGPQAGGTLT TLTKGKYLNSG NSRHISIGGK TCTLKSVSDS ILECYTPAQT TSDEFVVKLK IDLANRETSS FSYREDPVVY EIHPKTSFIS GGSTITGIGK TLNSVSLPKL VIDVHEVGVN YTVACQHRSN SEIICCTTPS LKQLGLQLPL KTKAFFLLDG ILSKHFDLTY VHNPFVFEPE KPMISIGNE NVVEIKGNNI DPEAVKGEVL KVGNSQSCESL HWHSGAVLCT VPSDLLKLS ELNIEWKQAV SSTVLGKVI QPDQNFALP KSCDKTHTCP PCPAPELLGG PSVFLFPPK KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDQWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTLC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LQSDGTSFLLY SKLTVDKSRW QGQNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH.