

**Product Data Sheet**

Product Name: HGF Mouse  
 Cat. No.: GP26030  
 Batch No.: 1

**Product Data**

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms hepatocyte growth factor receptor, HGF R/c-MET, Met, A1838057, c-Met, HGF, HGFR, Par4, HGF receptor, HGF/SF receptor, Proto-oncogene c-Met, Scatter factor receptor, SF receptor, Tyrosine-protein kinase Met.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

**Product Data Sheet**


---

Amino Acid  
Sequence

ECKEALVKSE MNVNMKYQLP NFTAETPIQN VVLHGHHIYL GATNYIYVLN  
 DKDLQKVSEF KTGPVLEHPD CLPCRDCSSK ANSSGGVWKD NINMALLVDT  
 YYDDQLISCG SVNRGTCQRH VLPPDNSADI QSEVHCMFSP EEESGQCPDC  
 VVSALGAKVL LSEKDRFINF FVGNTINSSY PPGYSLHSIS VRRLKETQDG  
 FKFLTDQSYI DVLPEFQDSY PIKYIHAFES NHFIYFLTVQ KETLDAQTFH  
 TRIIRFCSVD SGLHSYMEMP LECILTEKRR KRSTREEVFN ILQAAYVSKP  
 GANLAKQIGA SPSDDILFGV FAQSKPDSAE PVNRSVCAAF PIKYVNDFFN  
 KIVNKNVRC LQHFYGPNE HCFNRTLLRN SSGCEARSDE YRTEFTTALQ  
 RVDLFMGRNL QVLLTSISTF IKGDLTIANL GTSEGRFMQV VLSRTAHLTP  
 HVNFLLDVSH VSPEVIVEHP SNQNGYTLVW TGKKITKIPL NGLGCGHFQS  
 CSQCLSAPYF IQCGWCHNQC VRFDECPSGT WTQEICLPAV YKVFPTSAPL  
 EGGTVLTICG WDFGFRKNNK FDLRKTQVLL GNESCTLTLS ESTTNTLKCT  
 VGPAMSEHFN VSVIISNSRE TTQYSAFSYV DPVITSISPR YGPQAGGTLL  
 TLTGKYLNSG NSRHISIGGK TCTLKSVSDS ILECYTPAQT TSDEFVPLK  
 IDLANRETSS FSYREDPVVY EIHPKSFIS GGSTITGIGK TLNSVSLPKL  
 VIDVHEVGVN YTVACQHRSN SEIICCTTPS LKQLGLQLPL KTKAFFLLDG  
 ILSKHFDLTY VHNPFVPEFE KPVMISIGNE NVVEIKGNNI DPEAVKGEVL  
 KVGNSCESL HWHSGAVLCT VPSDLLKLN ELNIEWKQAV SSTVLGKVIV  
 QPDQNFALP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP  
 EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT  
 VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE  
 LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LDSDGSFFLY  
 SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH.

## Formulation

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

**Introduction**

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

## Product Data Sheet

---

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

### Background

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 hlgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**