

## 32-1303: HGF HEK Recombinant Protein

**Alternative Name :** Scatter Factor (SF),Hepatopoietin (HPTA),HGF,HGFB,F-TCF.

### Description

Source : HEK. HGF Human Recombinant produced in HEK cells is a glycosylated peptide, containing 697 a.a. (Gln-32 to Ser-728) having a total molecular weight of 70kDa.The HGF is purified by proprietary chromatographic techniques. Hepatocyte Growth Factor (HGF) is a multifunctional growth factor which regulates both cell growth and cell motility. It exerts a strong mitogenic effect on hepatocytes and primary epithelial cells. HGF synergizes with Interleukin-3 and GM-CSF to stimulate colony formation of hematopoietic progenitor cells in vitro and may, therefore, also modulate hematopoiesis.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 95% as observed by SDS-PAGE.
<b>Content :</b>	The HGF was lyophilized from 1mg/ml in 1xPBS.
<b>Storage condition :</b>	Lyophilized HGF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution HGF should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	32-QRKRNTIHE FKSAKTTLI KIDPALKIKT KKVNTADQCA NRCTRNKGLP FTCKAFVFDK ARKQCLWFPP NSMSSGVKKE FGHEFDLYEN KDYIRNCIIG KGRSYKGTVS ITKSGIKCQP WSSMIPHEHS FLPSSYRGKD LQENYCRNPR GEEGPPWCFT SNPEVRYEVC DIPQCSEVEC MTCNGESYRG LMDHTESGKI CQRWDHQTPH RHKFLPERYP DKGFDDNYCR NPDGQPRPWC YTLDPHTRWE YCAIKTCADN TMNDTDVPLE TTECIQQQGE GYRGTVNTIW NGIPCQRWDS QYPHEHDMTP ENFKCKDLRE NYCRNPDGSE SPWCFTTDPN IRVGYCSQIP NCDMSHGQDC YRGNGKNYMG NLSQTRSGLT CSMWDKNMED LHRHIFWEPD ASKLNENYCR NPDDAHGPW CYTGNPLIPW DYCPISRCEG DTTPTIVNLD HPVISCAKTK QLRVVNGIPT RTNIGWMVSL RYRNKHICGG SLIKESWVLT ARQCFPSRDL KDYEAWLGIH DVHGRGDEKC KQVLNVSQVLV YGPEGSDDLVL MKLARPAVLD DFVSTIDLPN YGCTIPEKTS CSVYGWGYTG LINYDGLLRV AHLYIMGNEK CSQHHRGKVT LNESEICAGA EKIGSGPCEG DYGGPLVCEQ HKMRMVLGVI VPGRGCAIPN RPGIFVRVAY YAKWIIHKIL TYKVPQS-728

### Application Note

It is recommended to reconstitute the lyophilized HGF in sterile PBS containing 0.1% endotoxin-free recombinant HSA. The specific activity was determined by the dose-dependent stimulation of the proliferation of the monkey epithelial cell line 4MBr-5 and is typically 10-50ng/ml.

