

Hepatocyte Growth Factor Active Protein | HGF active protein

Recombinant Human Hepatocyte Growth Factor, Sf9

CATALOG # AAA10809	HOST Insect cells
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PRODUCT SYNONYMS

Hepatocyte Growth Factor; Recombinant Human Hepatocyte Growth Factor; Sf9; Scatter Factor (SF); Hepatopoietin (HPTA); HGF; HGFB; F-TCF.; HGF active protein

PRODUCT SPECIFICATIONS

Host	Insect cells
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The sterile protein powder (1 mg/ml) is lyophilized from a solution containing 50mM acetic acid.
Sequence	QKRRNTIHE FKSAKTTLI KIDPALKIKT KKVNTADQCA NRCTRNGKLP FTCKAFVFDK ARKQCLWFPP NSMSSGVKKE FGHEFDLYEN KDYIRNCIIG KGRSYKGTVS ITKSGIKCQP WSSMIPHEHS YRGKDLQENY CRNPRGEEGG PWCFTSNPEV RYEVCDIPQC SEVECMTCNG ESYRGLMDHT ESGKICQRWD HQTPHRHKFL PERYPDKGFD DNYCRNPDGQ PRPWCYTLDP HTRWEYCAIK TCADNTMNDT DVPLETTECI QGQGEYRGV VNTIWNIGPC QRWDSQYPHE HDMTPENFKC KDLRENYCRN PDGSESPWCF TTDPNIRVG Y CSQIPNCDMS HGQDCYRGNG KNYMGNLSQT RSGLTCSMWD KNMEDLHRHI FWEPDASKLN ENYCRNPDDD AHGPWCYTGN PLIPWDYCP I SRCEGDTTPT IVNLDHPVIS CAKTKQLRVV NGIPTRTNIG WMVSLRYRNK HICGGSLIKE SWVLTARQCF PSRDLKDYE A WLGIDHVGHR GDEKCKQVLN VSQLVYGPEG SDLVLMKLAR PAVLDDFVST IDLPNYGCTI PEKTSQSVYG WGYTGLINYD GLLRVAHLYI MGNEKCSQHH RGKVTLNESE ICAGAEKIGS GPCEGDYGGP LVCEQHKMRM VLGVI VPGRG CAIPNRPGIF VRVAYYAKWI HKIILTYKVP QS
Solubility	It is recommended to reconstitute the lyophilized Hepatocyte Growth Factor in 50mM acetic acid to a concentration not less than 100ug/ml. Further dilutions should be made using buffer containing protein.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Biological Activity	The activity was assayed for scattering activity in the MDCK cell assay. The ED ₅₀ for this effect is typically at 2.0-5.0 ng/ml
Preparation and Storage	Lyophilized Hepatocyte Growth Factor, 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.

ADDITIONAL INFORMATION

Related Product Information for HGF active protein	Description: Hepatocyte Growth Factor Human Recombinant produced in Baculovirus is a heterodimer, non-glycosylated, polypeptide chain containing 692 a.a and having a total molecular mass of 78.0 KDa. The HGF is purified by proprietary chromatographic techniques.
Product Categories/Family for HGF active protein	Cytokines and Growth Factors ; Growth Factors ; Hepatocyte Growth Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	33859835
NCBI GeneID	3082

NCBI Accession #	NP_000592.3
NCBI GenBank Nucleotide #	NM_000601.4
UniProt Accession #	P14210 ; Q02935 ; Q13494 ; Q14519 ; Q3KRB2 ; Q8TCE2 ; Q9BYL9 ; Q9BYM0 ; Q9UDU6 ; A1L3U6
NCBI Official Full Name	hepatocyte growth factor isoform 1 preproprotein
NCBI Official Synonym Full Names	hepatocyte growth factor (hepapoietin A; scatter factor)
NCBI Official Symbol	HGF
NCBI Official Synonym Symbols	SF; HGFB; HPTA; F-TCF; DFNB39
NCBI Protein Information	hepatocyte growth factor; fibroblast-derived tumor cytotoxic factor; hepatopoeitin-A; hepatopoietin-A; lung fibroblast-derived mitogen
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	HGF
UniProt Synonym Gene Names	HPTA; SF
UniProt Entry Name	HGF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/insect-cells-hgf-active-protein/hepatocyte-growth-factor/10809>