



Recombinant Human Hepatocyte growth factor (HGF), partial (Active)

Product Code	CSB-MP010327HU-WD
Abbreviation	Recombinant Human HGF protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P14210
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its ability to induce IL-11 secretion by Saos-2 human osteosarcoma cells. The ED50 for this effect is ≤2.5 ng/ml.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	QRKRRNTIHEFKKSAKTTLIKIDPALKIKTKKVNTADQCANRCTRNKGLPFTCKA FVFDKARKQCLWFPFNSMSSGVKKEFGHEFDLYENKDYIRNCIIGKGRSYKGT VSITKSGIKCQPWSSMIPHEHSFLPSSYRGKDLQENYCRNPRGEEGGPWCFT SNPEVRYEVCDIPQCSEVECMTNCGESYRGLMDHTESGKICQRWDHQTPHR HKFLPERYPDKGFDDNYCRNPDGQPRPWCYTLDPHTRWEYCAIKTCADNTM NDTDVPLETTECIQGQGEYRGTVNTIWNIGIPCQRWDSQYPHEHDMTPENFK CKDLRENYCRNPDGSESPWCFTTDPNIRVGYCSQIPNCDMSHGQDCYRGNG KNYMGNLSQTRSGLTCSMWDKNMEDLHRHIFWEPDASKLNENYCRNPDDDA HGPWCYTGNPLIPWDYCPISRCEGDTTPTIVNLDHPVISCAKTKQLR&VVNGIP TRTNIGWMVSLRYRNKHICGGLIKESWVLTARQCFPSRDLKDYEAWLGIHDV HGRGDEKCKQVLNVSQVLVYGPEGSIDLVLMLKARPVLDDFVSTIDLPNYGCTI PEKTSCSVYGWGYTGLINYDGLLRVAHLYIMGNEKCSQHHRGKVTLNESEICA GAEKIGSGPCEGDYGGPLVCEQHMKRMVLGVIVPGRGCAIPNRPGIFVRVAY YAKWIKIILTYKVPQS
Source	Mammalian cell
Target Names	HGF
Expression Region	32-494aa&495-728aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag free
Mol. Weight	53.7 kDa (α chain), 26 kDa (β chain)



Protein Length	partial
Endotoxin	≤10 EU/mg by the LAL method
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.