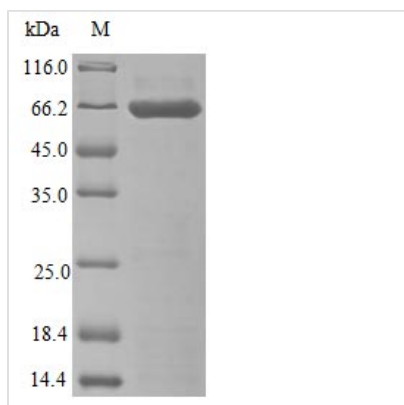




Recombinant Human EPO-alpha/Fc Chimera protein (EPOFc) (Active)

Product Code	CSB-AP002091HU
Uniprot No.	P01588
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2µm filtered sodium citrate buffer (1 liter of ddH2O containing 5.9 g of sodium citrate, 5.8 g of sodium chloride and 0.06 g of citric acid)
Product Type	Colony Stimulating Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The Specific Activity was measured by the stimulation of reticulocyte production in normocyth-aemic mice and is no less than 5.0×10^5 IU/mg.
Purity	>98% as determined by SDS-PAGE and HPLC.
Sequence	APPRLICDSRVLERYLLEAKEAENITTGCAEHCSLNENITVPDTKVNIFYAWKRM EVGQQAVEVWQGLALLSEAVLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLT TLLRALGAQKEAISPPDAASAAPLRITITADTFRKLFVYSNFLRGKCLKLYTGEAC RTGDR+IEGRMDEPKSSDKTHTCPPCPAPEFEGAPSVFLFPPKPKDTLMISRT PEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTV LHQDWLNGKEYKCKVSNKALPTPIEKTKAKGQPREPQVYTLPPSRDELTKN QVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDK SRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
Research Area	Cancer
Source	Mammalian cell
Target Names	EPO
Expression Region	28-193aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc-tagged
Mol. Weight	45.3 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	3838366; 3865178; 9799793; 12853948; 15489334; 8396923; 3949763; 6698989; 3346214; 3219367; 1820196; 11739166; 9774108; 9783743; 18458324

Image

**Endotoxin**

Less than 1.0 EU/ μ g as determined by 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.