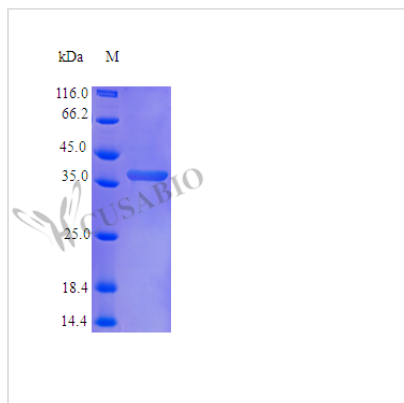




Recombinant Human Erythropoietin protein (EPO) (Active)

Product Code	CSB-AP002111HU
Uniprot No.	P01588
Form	Liquid
Storage Buffer	Sterile filtered sodium citrate buffer (1 liter of ddH ₂ O 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 was found to be no less than 1.5x10 ⁵ IU/mg.
Purity	>98% as determined by SDS-PAGE and HPLC.
Sequence	APPRLICDSRVLERYLLEAKEAENITGCAEHCSLNENITVPDTKVNIFYAWKRM EVGQQAVEVWQGLALLSEAVLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLT TLRLALGAQKEAISPPDAASAAPLRTITADTFRKLFRVYSNFLRGKCLKLYTGEAC RTGDR
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	Tag-Free
Mol. Weight	21.0 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.

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.