

Active GMP Recombinant Human EPO protein

Cat. No. EPO-323HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human EPO protein(NP_000790.2)(172 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human EPO(NP_000790.2) was expressed with His tag at the C-terminal.
Bio-activity	Use TF-1 cells for cell proliferation test. The expected effectiveness of ED50 is 0.8~1.0ng/ml.
Molecular Mass	Recombinant Human EPO contains 172 aa. It has a predicted MW of 19.2 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	EPO erythropoietin [Homo sapiens]
Official Symbol	EPO
Synonyms	EPO; EP; MVCD2; Erythropoietin; Erythropoetin; Erthropoyetin; Hematopoietin; Hemopoietin
Gene ID	2056
mRNA Refseq	NM_000799
Protein Refseq	NP_000790
MIM	133170
UniProt ID	P01588

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