

Active Recombinant Human EPO protein, Low Endotoxin

Cat. No. EPO-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPO protein(AAH93628.1)(Ala28-Arg193) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-193 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human EPO, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human EPO R, hFc Tag with the EC50 of 29.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.39 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

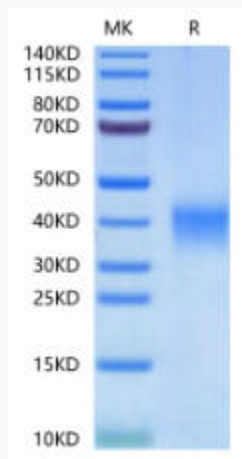
 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	EPO erythropoietin [Homo sapiens]
Official Symbol	EPO
Synonyms	EPO; erythropoietin; EP; epoetin; MVCD2; MGC138142;
Gene ID	2056
mRNA Refseq	NM_000799
Protein Refseq	NP_000790
MIM	133170
UniProt ID	P01588

Bis-Tris PAGE

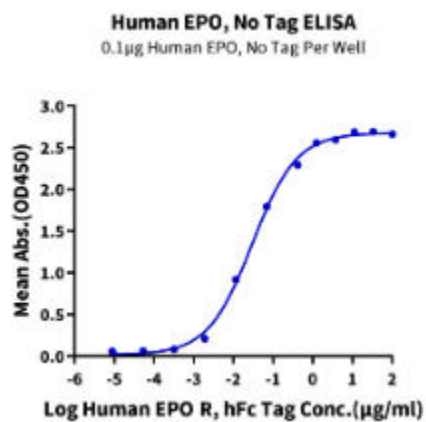


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ELISA Data



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