

RP00818

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Recombinant Human Erythropoietin/EPO Protein

Catalog No.: RP00818

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2056	P01588

Tags

C-6×His

Synonyms

EPO;EP;MVCD2

Product Information

Source

HEK293 cells

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Recombinant Human Erythropoietin/EPO Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Ala28-Arg193) of human Erythropoietin/EPO (Accession #P01588) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED₅₀ for this effect is 0.015-0.075 units/mL.

Storage

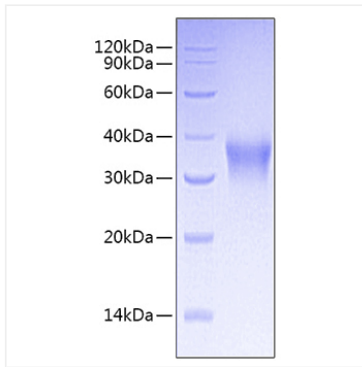
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human
Erythropoietin/EPO Protein was
determined by SDS-PAGE under
reducing conditions with Coomassie
Blue.