

Erythropoietin/EPO Recombinant Protein | EPO recombinant protein

Recombinant Human Erythropoietin/EPO Protein

CATALOG #
AAA282598

HOST
HEK293 cells

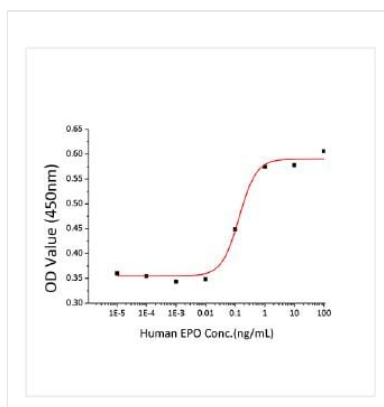
PRODUCT SYNONYMS

Erythropoietin/EPO; Recombinant Human Erythropoietin/EPO Protein; EP; DBAL; ECTY5; MVCD2; EPO; Erythropoietin; EPO recombinant protein

PRODUCT SPECIFICATIONS

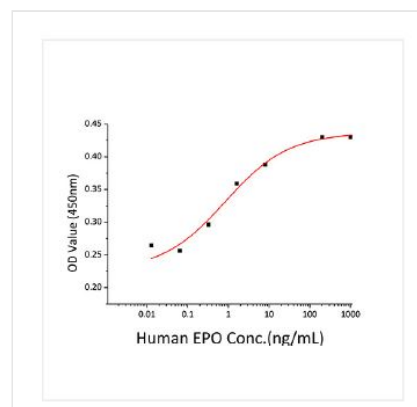
Host	HEK293 cells
Purity/Purification	> 92% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	NO-tag
Bioactivity	1. Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 0.42-1.68 ng/mL. 2. Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 0.07-0.27 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



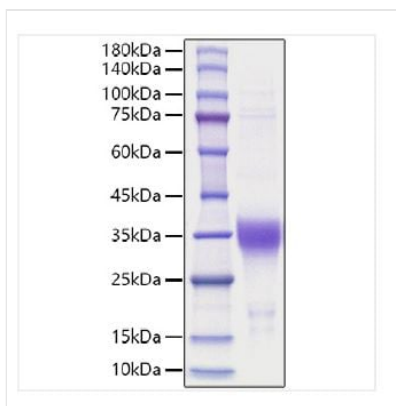
Application Data

Recombinant Human EPO stimulates cell proliferation of the TF 1 human erythroleukemic cells. The ED50 for this effect is 0.07-0.27 ng/mL.



Application Data

Recombinant Human EPO stimulates cell proliferation of the TF?1 human erythroleukemic cells. The ED50 for this effect is 0.42-1.68 ng/mL.



SDS-PAGE

Active Recombinant Human Erythropoietin/EPO Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 30 kDa.

ADDITIONAL INFORMATION

Related Product Information for EPO recombinant protein	Recombinant Human Erythropoietin/EPO Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala28-Arg193) of human Erythropoietin/EPO (Accession #NP_000790.2) fused with and a additional amino acid free.
Product Categories/Family for EPO recombinant protein	Cytokines & Cytokine receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	62240997
NCBI GeneID	2056
NCBI Accession #	NP_000790.2
NCBI GenBank Nucleotide #	NM_000799.2
UniProt Accession #	P01588; Q2M2L6; Q549U2; Q9UDZ0; Q9UEZ5; Q9UHA0
Molecular Weight	21,307 Da
NCBI Official Full Name	erythropoietin
NCBI Official Synonym Full Names	erythropoietin
NCBI Official Symbol	EPO
NCBI Official Synonym Symbols	EP; MVCD2
NCBI Protein Information	erythropoietin; epoetin
UniProt Protein Name	Erythropoietin
UniProt Gene Name	EPO
UniProt Entry Name	EPO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/epo-recombinant-protein-hek293-cells/282598>