

Erythropoietin Recombinant Protein | EPO recombinant protein

Recombinant Erythropoietin (EPO)

CATALOG # AAA144259	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Erythropoietin; Recombinant Erythropoietin (EPO); EPO recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in 20mM Tris,150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thesequenc eofthetarg etproteini slistedbel ow. PPR LICDSRVLER YILEAKEAEN VTMGCAEGPR LSENITVPDT KVNFYAWKRM KVEEQAVEVW QGLSLLSEAI LQAQALQANS SQPPESLQLH IDKAISGLRS LTSLLRVLGA QKELMSPDPA TQAAPLRTL ADTFCKLFRV YSNFLRGKLGK LYTGEACRRG DR
Sequence Length	193
Applicable Applications for EPO recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	22.3kDa
Accurate Molecular Mass (KD)	22kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Accession	P29676
Subcellular Location	Secreted.
Predicted isoelectric point	9.0
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Pro28~Arg192
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.Reconstitute
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	62240997
NCBI GeneID	2056
NCBI Accession #	NP_000790.2
NCBI GenBank Nucleotide #	NM_000799.2
Molecular Weight	21 kDa
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
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.

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Online datasheet: <https://stage.aaabiotech.com/epo-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144259>