

Erythropoietin Recombinant Protein | EPO recombinant protein

Recombinant Pig Erythropoietin

CATALOG # AAA114154	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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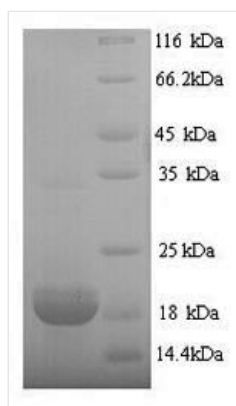
PRODUCT SYNONYMS

Erythropoietin; Recombinant Pig Erythropoietin; EPO recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	27-194aa; Full Length of Mature Protein
Sequence	APPRLICDSR VLERYILEAK EGENATMGCA ESCSFSENIT VPDTKVNFYA WKRMVQQA MEVWQGLALL SEAILQGQAL LANSSQPSEA LQLHVDKAVS GLRSLTSLR ALGAQKEAIP LPDASPSSAT PLRTFAVDTL CKLFRNYSNF LRGKLTLYTG EACRRRDR
Sequence Length	194
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for EPO recombinant protein	Erythropoietin is the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological level of circulating erythrocyte mass.
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Product Categories/Family for EPO recombinant protein	Cardiovascular
References	The porcine erythropoietin gene cDNA sequence, genomic sequence and expression analyses in piglets.David R.B., Blom A.K., Sjaastad O.V., Harbitz I.Domest. Anim. Endocrinol. 20:137-147(2001) Erythropoietin structure-function relationships high degree of sequence homology among mammals.Wen D., Boissel J.-P.R., Tracy T.E., Gruninger R.H., Mulcahy L.S., Czelusniak J., Goodman M., Bunn H.F.Blood 82:1507-1516(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742715
NCBI GeneID	397249
NCBI Accession #	NP_999299.1
NCBI GenBank Nucleotide #	NM_214134.1
UniProt Accession #	P49157; Q9MYM8
Molecular Weight	20.6 kDa
NCBI Official Full Name	erythropoietin
NCBI Official Symbol	EPO
NCBI Protein Information	erythropoietin
UniProt Protein Name	Erythropoietin
UniProt Gene Name	EPO
UniProt Entry Name	EPO_PIG

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://www.aaabiotech.com/epo-recombinant-protein-e-coli/114154>