

Erythropoietin R/EPOR Recombinant Protein | EPOR recombinant protein

Recombinant Human Erythropoietin R/EPOR Protein (C-His)

CATALOG # AAA174703	HOST Human Cells
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PRODUCT SYNONYMS

Erythropoietin R/EPOR; Recombinant Human Erythropoietin R/EPOR Protein (C-His); EpoR; EPO-R; Erythropoietin R; erythropoietin receptor; MGC138358; Platelet Receptor EPO-R; EPOR recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Sequence	Ala25-Pro2 50
Sequence Length	508
Species	Human
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Fusion Tag	C-His
Preparation and Storage	Lyophilized protein should be stored at < -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for EPOR recombinant protein	Protein Construction: Recombinant Human Erythropoietin R is produced by our mammalian expression system and the target gene encoding Ala25-Pro250 is expressed with a 6His tag at the C-terminus. Background: Erythropoietin (Epo), a glycoprotein produced primarily by the kidney, is the principal factor that regulates erythropoiesis by stimulating the proliferation and differentiation of erythroid progenitor cells. The biological effects of Epo are mediated by the erythropoietin receptor (Epo R). The presence of a soluble form of the Epo R has also been detected on human sera. Recombinant soluble Epo R binds Epo with high affinity and is a potent Epo antagonist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503591
NCBI GeneID	2057
NCBI Accession #	NP_000112.1
NCBI GenBank Nucleotide #	NP_000112.1
UniProt Accession #	P19235
Molecular Weight	Molecular Mass: 28.4kDa Actual Protein Molecular Mass: 28-38kDa

NCBI Official Full Name	erythropoietin receptor
NCBI Official Synonym Full Names	erythropoietin receptor
NCBI Official Symbol	EPOR
NCBI Official Synonym Symbols	EPO-R
NCBI Protein Information	erythropoietin receptor
UniProt Protein Name	Erythropoietin receptor
UniProt Gene Name	EPOR
UniProt Synonym Gene Names	EPO-R
UniProt Entry Name	EPOR_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/epor-recombinant-protein-human-cells/174703>