

Active Recombinant Human EPOR protein, His-tagged

Cat. No. EPOR-3851H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPOR protein(Met 1-Pro 250)(NP_000112.1) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-250 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit EPOdependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 15-60 ng/mL in the presence of 0.1 U/mL Recombinant Human EPO.
Molecular Mass	The secreted recombinant human EPOR consists of 237 amino acids and has a predicted molecular mass of 26.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhEPOR is approximately 34 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

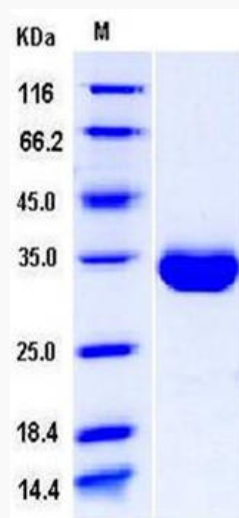
Gene Name	EPOR erythropoietin receptor [Homo sapiens]
Official Symbol	EPOR
Synonyms	EPOR; erythropoietin receptor; EPO-R; MGC138358;
Gene ID	2057
mRNA Refseq	NM_000121
Protein Refseq	NP_000112
MIM	133171
UniProt ID	P19235

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SDS-PAGE



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