

Active Recombinant Human EPOR protein, hFc&His-tagged

Cat. No. EPOR-2642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Erythropoietin R/EPO-R Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ala25-Pro250) of human EPO Receptor/EPOR (Accession #NP_000112.1) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ala25-Pro250
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human EPO Protein at 2µg/mL (100 µL/well) can bind EPOR with a linear range of 0.24-12.02 ng/mL.
Molecular Mass	55-60 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

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up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name EPOR erythropoietin receptor [Homo sapiens]

Official Symbol EPOR

Synonyms EPOR; erythropoietin receptor; EPO-R; MGC138358;

Gene ID 2057

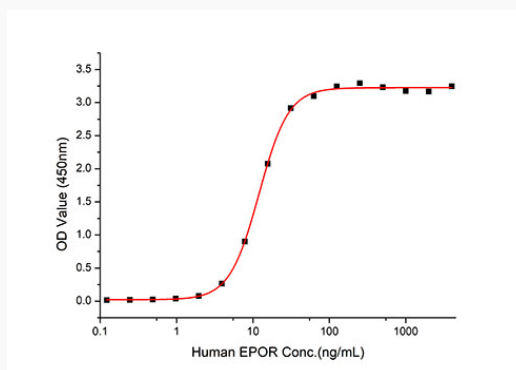
mRNA Refseq NM_000121

Protein Refseq NP_000112

MIM 133171

UniProt ID P19235

Bio-activity

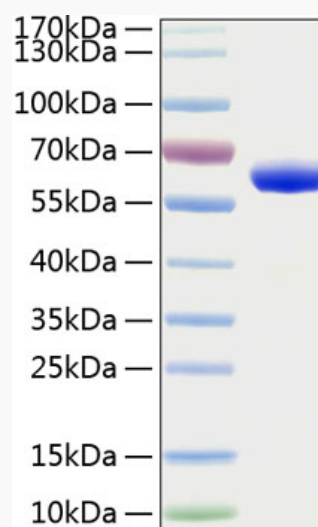


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SDS-PAGE



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