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Datasheet for ABIN7319619 EPOR Protein (His tag)

Overview

Quantity:	50 µg
Target:	EPOR
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPOR protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Erythropoietin R/EPOR Protein (His Tag)
Sequence:	Ala25-Pro250
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	EPOR
Alternative Name:	Erythropoietin R/EPOR (EPOR Products)
Background:	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

Target Details

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.

Synonym: EpoR, EPO-R, Erythropoietin R, erythropoietin receptor, MGC138358, Platelet Receptor EPO-R

Molecular Weight: 28.4 kDa

UniProt: [P19235](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.