

Datasheet for ABIN5854452
EPOR Protein (AA 25-250) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	EPOR
Protein Characteristics:	AA 25-250
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPOR protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	APPPNLPDPK FESKAALLAA RGPEELLCFT ERLEDLVCFW EEAASAGVGP GNYFSYQLE DEPWKLCRLH QAPTARGAVR FWCSLPTADT SSFVPLELRV TAASGAPRYH RVIHINEVVL LDAPVGLVAR LADESGHVVL RWLPPPETPM TSHIRYVDV SAGNGAGSVQ RVEILEGRTE CVLSNLRGRT RYTFAVRARM AEPFSGGFWS AWSEPVSLLT PSDLDPHHHH HH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	EPOR
Alternative Name:	Erythropoietin receptor (EPOR Products)
Background:	EPOR, also known as Erythropoietin receptor, mediates erythropoietin-induced erythroblast

Target Details

proliferation and differentiation. Upon EPO stimulation, it dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. So it may also activate the LYN tyrosine kinase. Recombinant human EPOR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 25.6kDa (232aa) 28-40kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_000112](#)

UniProt: [P19235](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

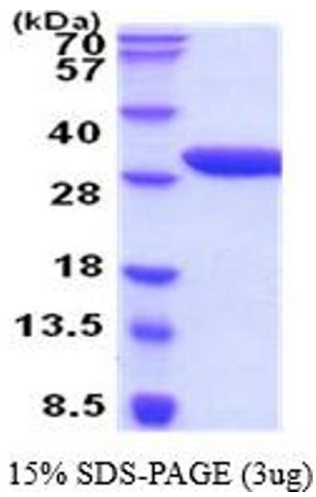
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.