

EPOR (Human) Recombinant Protein

Catalog # P8578

Size 2 x 10 ug

Specification

Product Description Human EPOR partial recombinant protein with His tag in C-terminus expressed in Baculovirus cells.

Sequence APPPNLPDPKFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEP
WKLCLRHQAPTARGAVRFWCSLPTADTSSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLV
ARLADESGHVVLRLWLPPEPTPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGRTRYT
FAVRARMAEPSFGGFWSAWSEPVSLLTPSDLDPHHHHHH

Host Viruses

Theoretical MW (kDa) 25.6

Form Liquid

Preparation Method Baculovirus expression system

Purification Chromatography

Purity > 95% as determined by SDS-PAGE.

Storage Buffer In PBS, pH 7.4 (10% glycerol).

Storage Instruction Stored at 4°C for 2-4 weeks, should be stored at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — EPOR

Entrez GeneID [2057](#)

Protein Accession#	P19235
Gene Name	EPOR
Gene Alias	MGC138358
Gene Description	erythropoietin receptor
Omim ID	133100 133171
Gene Ontology	Hyperlink
Gene Summary	The erythropoietin receptor is a member of the cytokine receptor family. Upon erythropoietin binding, the erythropoietin receptor activates Jak2 tyrosine kinase which activates different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated erythropoietin receptor appears to have a role in erythroid cell survival. Defects in the erythropoietin receptor may produce erythroleukemia and familial erythrocytosis. [provided by RefSeq]
Other Designations	-

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Myeloproliferative Disorders](#)
- [Polycythemia Vera](#)
- [Thrombocythemia](#)