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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

EPOR (Human) Recombinant Protein

Catalog Number: P8579

Regulation Status: For research use only (RUO)

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

Sequence:

APPPNLPDPKFESKAALLAARGPEELLCFTERLEDLVC
FWEEAASAGVGPGNYSFSYQLEDEPWKLCRLHQAPT
ARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHR
VIHINEVLLDAPVGLVARLADESGHVLRWLPPPETP
MTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNL
RGRTRYTFAVRARMAEPSFGGFWSAWSEPVSLTPS
DLDPHHHHHH

Host: Viruses

Theoretical MW (kDa): 25.6

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: Baculovirus expression system

Purification: Chromatography

Purity: > 95% as determined by SDS-PAGE.

Activity: ED₅₀ ? 70 ng/mL, measured by the ability to
inhibit EPO dependent proliferation assay using TF-1
human erythroleukemic cells.

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.

Entrez GeneID: 2057

Gene Symbol: EPOR

Gene Alias: MGC138358

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]