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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EPO (Human) Recombinant Protein

Catalog Number: P8575

Regulation Status: For research use only (RUO)

Product Description: Human EPO partial recombinant protein with His tag in C-terminus expressed in Sf9 cells.

Sequence:

APRLICDSRVLERYLLEAKEAENITGCAEHCSLNENI
TVPDTKVNIFYAWKRMEVGQQAVEVWQGLALLSEAVL
RGQALLVNSSQPWEPLQLHVDKAVSGLRSLTTLRAL
RAQKEAISPPDAASAAPLRTITADTFRKLFRVYSNFLR
GKLKLYTGEACRTGDRLEHHHHHH

Host: insect

Theoretical MW (kDa): 19.5

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

Form: Liquid

Preparation Method: Insect cell (Sf9) expression
system

Purification: Chromatography

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

Activity: ED₅₀ ? 0.5 ng/mL, measured in a cell
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: 2056

Gene Symbol: EPO

Gene Alias: EP, MGC138142

Gene Summary: This gene is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. [provided by RefSeq]