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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: P8573

Regulation Status: For research use only (RUO)

Product Description: Human EPO recombinant protein expressed in HEK293 cells.

Host: Human

Theoretical MW (kDa): 36

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

Form: Lyophilized

Preparation Method: Mammalian cell (HEK 293) expression system

Purification: Chromatography

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

Activity: The specific activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) and is 0.5-2.5ng/mL, corresponding to a specific activity of 400,000-2,000,000 units/mg.

Storage Buffer: Lyophilized from a solution containing 1X PBS. Reconstitute the lyophilized powder in ddH₂O to 100 ug/mL.

Storage Instruction: Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°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]