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Produktinformation



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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: P8572

Regulation Status: For research use only (RUO)

Product Description: Human EPO recombinant protein (linked to the Fc portion of human IgG1) expressed in CHO cells.

Host: Mammals

Theoretical MW (kDa): 140

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

Form: Lyophilized

Preparation Method: _x005F_x000D__x000D_
Mammalian cell (CHO) expression
system _x005F_x000D__x000D_

Purity: > 98% as determined by (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Activity: ED₅₀ < 2.0 ng/mL, measured by the dose-dependent stimulation of human megakaryoblastic leukemia cells, corresponding to a Specific Activity of 5 x 10⁵ IU/mg.

Storage Buffer: Lyophilized from a solution containing 1X PBS, pH 7.4. 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]