ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Erythropoietin-alpha Human Recombinant, HEK

Item Number	rAP-2182
Synonyms	Erythropoietin-Alpha, EPO-a, EPO-alpha, Epoetin, EP, MGC138142.
Description	EPO-a Human Recombinant produced in HEK cells is a glycosylated monomer, having a total molecular weight of 36kDa.The EPO-alpha is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P01588
Amino Acid Sequence	
Source	HEK.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized EPO-alpha although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EPO-alpha should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	The EPO-alpha was lyophilized from 1mg/ml in 1xPBS. Greater than 95% as obsereved by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized EPO-alpha in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological 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 typically 0.5-2.5ng/ml, corresponding to a specific activity of 400,000-2,000,000 units/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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