



Recombinant Human EPO- α

Datasheet

Catalog Number: PR27065

Product Type: Recombinant Protein

Source: Chinese Hamster Ovary Cells (CHO)

Description/Molecular Mass: Erythropoietin-alpha Human Recombinant is produced in Chinese hamster ovary (CHO) cells by recombinant DNA technology is a single, polypeptide chain containing 165 amino acids and having a predicted molecular mass of 21,000 Dalton and apparent glycosylated molecular mass of 30,400 Dalton.
EPO- α is purified by proprietary chromatographic techniques.

Biological Activity: The Specific Activity was measured by Normocyth-aemic mice and was found to be 120,000 IU/mg.

Purity: Greater than 98.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Format: lyophilized powder contains 5.8 mg sodium citrate, 5.8 mg sodium chloride and 0.06 mg citric acid.

Reconstitution: It is recommended to reconstitute the lyophilized Epoetin-a in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized Erythropoietin-a 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 avoid freeze-thaw cycles.

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