EPO
Recombinant Human EPO-alpha/Fc Chimera

Catalog No.  Quantity:
CSI20107A  2 µg
CSI20107B  10 µg
CSI20107C  1.0 mg

Description: Recombinant Human EPO/Fc produced in CHO cells is a dimeric, glycosylated, polypeptide chain consisting of two mature human EPO molecules linked to the Fc portion of human IgG1. The Fc component contains the CH2 domain, the CH3 domain and hinge region, but not the CH1 domain of IgG1. As a result of glycosylation, the recombinant protein migrates with an apparent molecular mass of 140k Da in non-reducing SDS-PAGE.

UniProt ID: P01588
Gene ID: 2056
Source: CHO cells
Molecular Weight: 140 kDa, apparent
Formulation: Lyophilized from sterile filtered solution of PBS, pH 7.4.
Purity: >98% by SDS-PAGE and HPLC
Endotoxin Level: < 1 EU/µg
Specific Activity: ≥ 5.0 x 10^5 IU/mg, determined by the stimulation of reticulocyte production in normocytic mice.

Reconstitution: Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Further dilutions can be made in appropriate buffered solutions.

Storage & Stability: Store at -20 °C to -80 °C for up to one year. upon reconstitution store at 2-8 °C for up to one month or in working aliquots at -20 °C to -80 °C for up to 3 months. Avoid repeated freeze-thaw cycles.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.