



## Erythropoietin Recombinant Protein

### Product Specifications

<b>Catalog Number:</b>	908-050
<b>Protein Species:</b>	Human
<b>Specific Activity:</b>	120,000 IU/mg (measured by normocythemmic mice)
<b>Application Notes:</b>	<b>ELISA:</b> Yes <b>In Vitro Assays:</b> Yes <b>WB:</b> Yes
<b>Purity:</b>	>98.0% as determined by: (a) RP-HPLC analysis (b) SDS-PAGE analysis
<b>Format:</b>	Lyophilized; each milligram contains 5.8 mg sodium citrate, 5.8 mg sodium chloride, and 0.06 mg citric acid; reconstitute with sterile 18Ω-cm water not <100µg/mL
<b>Storage:</b> <i>Shipping conditions may differ from the recommended storage temperature</i>	Store desiccated below -18°C; store at 4°C for 2-7 days, and at -18°C for future use (recommend adding a carrier protein, 0.1% HSA or BSA, for long term storage; avoid freeze-thaw cycles)

### Background:

Recombinant human Erythropoietin (EPO) produced in Chinese hamster ovary (CHO) cells by recombinant DNA technology is a single, polypeptide chain containing 165 amino acids, with a predicted molecular mass of 21,000 Dalton and apparent glycosylated molecular mass of 30,400 Dalton.