

For Research Use Only

Recombinant Human EPO protein (His Tag)



Catalog Number: Eg0197

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: His Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <1.0 EU/μg protein, LAL method Source: HEK293-derived Human EPO protein Ala28-Arg193 (Accession# P01588) with a His tag at the C-terminus. GeneID: 2056 Accession: P01588 Predicted Molecular Mass: 22.8 kDa SDS-PAGE: Formulation: Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Endogenous erythropoietin (EPO), the primary regulator in the production of red blood cells, is a glycoprotein hormone produced by the kidneys in response to hypoxia and anemia. There is a physiologic rise in EPO levels during pregnancy, which increases red blood cell production.		
References	<ol style="list-style-type: none">1. Levy, Ariel T et al. International journal of gynaecology and obstetrics: the official organ of the International Fed2. Beguin, Y et al. British journal of haematology vol. 76,4 (1990): 545-9.		
Synonyms	EP, Epoetin, erythropoietin, MVCD2		

For technical support and original validation data for this product please contact

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