

# Recombinant Human EPO protein (His Tag)

Catalog Number: Eg0197

## Basic Information

**Species:**  
Human**Purity:**  
>90 %, SDS-PAGE**Tag:**  
His Tag

## Technical Specifications

**Purity:**

&gt;90 %, SDS-PAGE

**Endotoxin Level:**

&lt;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.

- 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

1. Levy, Ariel T et al. International journal of gynaecology and obstetrics: the official organ of the International Fed
2. Beguin, Y et al. British journal of haematology vol. 76,4 (1990): 545-9.

## Synonyms

EP, Epoetin, erythropoietin, MVCD2

## **Selected Validation Data**

---

---

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

**T: 027-87531629**

**E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)**

**W: [ptgcn.com](http://ptgcn.com)**

---

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**