

EPOR & CD131 Heterodimer Protein, Human, Recombinant (hFc)

General Information

Synonyms:	EPO-R;erythropoietin receptor
Protein Construction:	A DNA sequence encoding the extracellular domain (Met 1-Pro 250) of human EPOR (NP_000112.1) linked with the extracellular domain (Trp 17-Trp 443) of human CD131 (NP_000386.1) by a peptide linker was fused with the Fc region of human IgG1 at the C-terminus. Predicted N terminal: Ala 25
Species:	Human
Expression Host:	HEK293 Cells
Accession:	NP_000112.1&NP_000386.1
Molecular Weight:	101 kDa (predicted)

QC Testing

Biological Activity:	1. Measured by its ability to bind rat EPO-His in a functional ELISA. 2. Measured by its ability to bind mouse EPO-His in a functional ELISA.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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