

Human EPOR & CD131 Heterodimer Protein

Catalog Number: CT010-H02H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

EPO-R

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.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio Activity:

1. Measured by its ability to bind rat EPO-His (Cat:80055-R08B) in a functional ELISA. 2. Measured by its ability to bind mouse EPO-His (Cat:51099-M08H) in a functional ELISA.

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Ala 25

Molecular Mass:

The recombinant heterodimer of human EPOR & CD131 comprises 906 amino acids and has a calculated molecular mass of 101 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

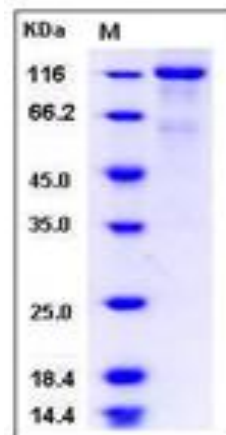
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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