Acitve Recombinant Human EPOR & CD131 protein(Met1-Pro250 & Trp17-Trp443), hFc-tagged

Cat. No. EPOR & CD131-1383H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPOR (NP_000112.1)(Met 1-Pro 250) linked with the extracellular domain (Trp 17-Trp 443) of Human CD131 (NP_000386.1) by a peptide linker was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro250 & Trp17-Trp443
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-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.
Molecular Mass	The recombinant heterodimer of Human EPOR & CD131 comprises 906 amino acids and has a calculated molecular mass of 101 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	EPOR erythropoietin receptor [Homo sapiens]
Official Symbol	EPOR; CD131
Synonyms	EPOR; erythropoietin receptor; EPO-R; MGC138358;
Gene ID	2057
mRNA Refseq	NM_000121
Protein Refseq	NP_000112
MIM	133171
UniProt ID	P19235

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA