

Recombinant Cynomolgus/Rhesus IL21R protein(Met1-Pro236), hFc-tagged

Cat. No. IL21R-2355C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus / Rhesus IL21R (XP_005591578.1) (Met1-Pro236) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus. Cynomolgus and Rhesus IL21R sequences are identical.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	Met1-Pro236
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 binding ability in a functional ELISA. 2. Immobilized human IL21 at 10 µg/mL (100 µL/well) can bind Cynomolgus IL21R-Fc. The EC50 of Cynomolgus IL21R-Fc is 0.11-0.25 µg/mL.
Molecular Mass	The recombinant cynomolgus / rhesus IL21R consists 458 amino acids and predicts a molecular mass of 52 kDa.
Endotoxin	< 1.0 EU per µg 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.

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