

Active Recombinant Cynomolgus/Rhesus IL21R Protein, Fc-tagged

Cat. No. IL21R-1225C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus IL21R (XP_005591578.1) (Met1-Pro236) was expressed with the Fc region of human IgG1 at the C-terminus. Cynomolgus and Rhesus IL21R sequences are identical.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	1-236 a.a.
Predicted N Terminal	Cys 20
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
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 IL21R consists 458 amino acids and predicts a molecular mass of 52 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

Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL21R interleukin 21 receptor [Macaca fascicularis]
Official Symbol	IL21R
Synonyms	interleukin 21 receptor; Interleukin-21 receptor
Gene ID	102135042
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	
Chromosome Location	chromosome: 20
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Inflammatory bowel disease (IBD), organism-specific biosystem; TNF signaling pathway, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem

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