

Active Recombinant Rhesus monkey IL21 protein, His-tagged

Cat. No. IL21-2244R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey IL21 protein(Gln 30 - Ser 162)(NP_001181171), fused with His tag at the C-terminus, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	30-162 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Rhesus monkey IL-21, His Tag at 5 µg/mL (100 µL/well) can bind Cynomolgus IL-21 R, Fc Tag with a linear range of 1-20 ng/mL.
Molecular Mass	The protein has a calculated MW of 17.4 kDa. The protein migrates as 19 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln 30 - Ser 162
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

 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

Please avoid repeated freeze-thaw cycles.
 This product is stable after storage at:
 -20°C to -70°C for 12 months in lyophilized state;
 -70°C for 3 months under sterile conditions after reconstitution.

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 IL21 interleukin 21 [*Macaca mulatta* (Rhesus monkey)]

Official Symbol IL21

Synonyms IL21; interleukin-21

Gene ID 708125

mRNA Refseq NM_001194242

Protein Refseq NP_001181171

UniProt ID F7EGQ8

 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