

Active Recombinant Cynomolgus IL4R protein, His-tagged

Cat. No. IL4R-18C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL4R protein (Met1-Arg232), fused to His tag at C-terminus, was expressed in human 293 cells (HEK293). In the region Met26-Arg232, the AA sequence of Cynomolgus and Rhesus macaque IL4R are homologous.
Species	Cynomolgus
Source	HEK293
Protein Length	Met1-Arg232
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	1. Immobilized IL4 at 10 µg/mL (100 µL/well) can bind cynoIL4Rh, the EC50 of cynoIL4Rh is 50-120 ng/mL. 2. Measured by its ability to inhibit IL-4 dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is 0.1-0.5ng/ml in the presence of 0.2 ng/ml IL-4.
Molecular Mass	The recombinant cynomolgus IL4R consists of 218 amino acids and predicts a molecular mass of 25.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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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