

Cynomolgus IL-4 R alpha/CD124 Protein

Cat. No. ILA-CM14R

Description

| | |
|-------------------------|---|
| Source | Recombinant Cynomolgus IL-4 R alpha/CD124 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Met26-Arg232. |
| Accession | G7Q0S7 |
| Molecular Weight | The protein has a predicted MW of 24.84 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC |

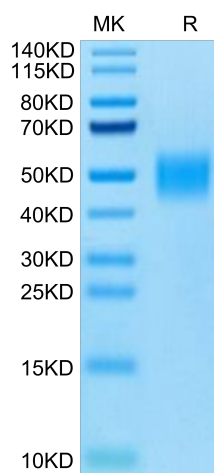
Formulation and Storage

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|--------------------|--|
| Formulation | Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label. |
| Storage | Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles. |

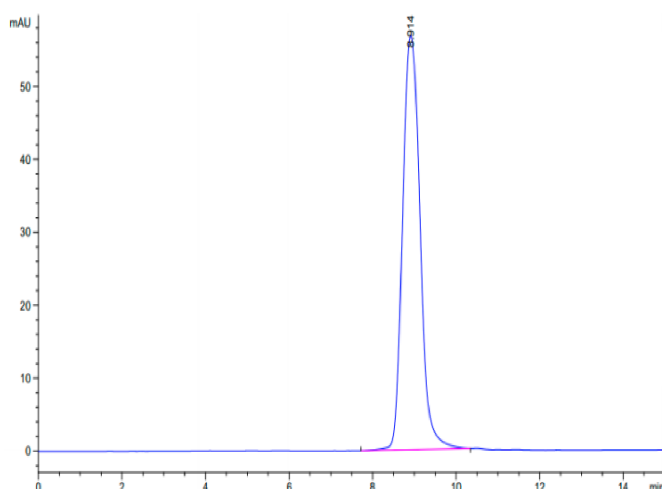
Background

Interleukin 4 Receptor alpha (IL-4 Ra), also known as CD124 and BSF receptor, is a widely expressed 140 kDa transmembrane glycoprotein in the class I cytokine receptor family. The effects of IL-4 are mediated after binding to high affinity receptor complexes present on hematopoietic as well as non-hematopoietic cells.

Assay Data



Cynomolgus IL-4 R alpha on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



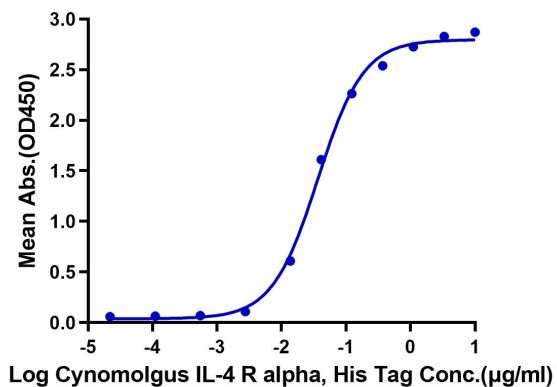
The purity of Cynomolgus IL-4 R alpha is greater than 95% as determined by SEC-HPLC.

ELISA Data

Assay Data

Cynomolgus IL-4 R alpha, His Tag ELISA

0.2µg Human IL-4, No Tag Per Well



Immobilized Human IL-4, No Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Cynomolgus IL-4 R alpha, His Tag with the EC50 of 36.5ng/ml determined by ELISA.