Rat IL-4R/CD124 (His Tag) recombinant protein

Catalog Number: 503217



General Information

Protein Construction

A DNA sequence encoding the rat IL4R (Q63257-1) (Met1-Arg232) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind biotinylated mouse IL4-His (Cat:502101) in a functional ELISA.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ile 26

Molecular Mass

The recombinant rat IL4R comprises 218 amino acids and predicts a molecular mass of 25.3 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

Usage Guide

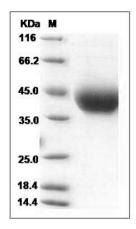
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Rat IL4R / Il4ra Protein (His Tag) SDS-PAGE