

Mouse IL11RA/IL-11RA (His Tag) recombinant protein



Catalog Number: 502736

General Information

Protein Construction

A DNA sequence encoding the extracellular domain of mouse IL11R β (NP_001156873.1) (Met 1-Gln 367) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind mouse IL6ST in a functional ELISA.

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Ser 24

Molecular Mass

The secreted recombinant mouse IL11R β consists

of 355 amino acids and has a calculated molecular mass of 39.2 kDa. As a result of glycosylation, the apparent molecular mass of rmIL11R β is approximately 45-50 kDa in SDS-PAGE under reducing conditions.

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

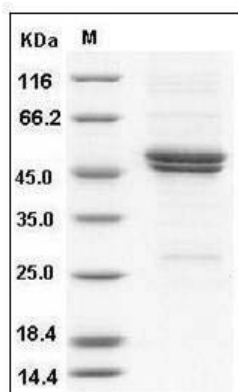
Store it under sterile conditions at -20°C to -80°C.

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



Mouse IL11RA / IL11R β Protein (His Tag) SDS-PAGE