

Mouse IL12RB2 (His Tag) recombinant protein



Catalog Number: 502566

General Information

Protein Construction

A DNA sequence encoding the mouse IL12RB2 (NP_032380.1) extracellular domain (Met 1-Asn 637) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind Mouse IL12A & IL12B Heterodimer Protein (Cat:CT023-M0802H) in a functional ELISA.

Immobilized mouse IL12RB2-His at 10 µg/ml (100 µl/well) can bind Mouse IL12A & IL12B Heterodimer Protein (Cat:CT024-M0208H). The EC₅₀ of Mouse IL12A & IL12B Heterodimer Protein (Cat:CT024-M0208H) is 50.2-117.2 ng/ml.

Purity

> 97 % 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

Asn 24

Molecular Mass

The secreted recombinant mouse IL12RB2 consists of 625 amino acids and has a predicted molecular mass of 70 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmIL12RB2 is approximately 120-130 kDa due to glycosylation.

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

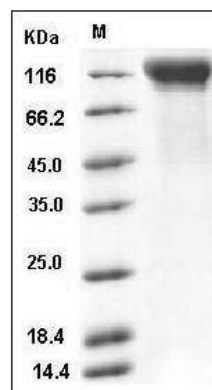
Storage

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 IL12RB2 / IL12R-beta 2 Protein (His Tag)
SDS-PAGE