

Human IL-1R2/CD121b (Fc Tag) recombinant protein



Catalog Number: 504536

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Glu 343) of human IL1 receptor type I I (IL1RII) (NP_004624.1) was expressed with C-terminal fused Fc region of human IgG1.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant human IL1B at 2 µg/ml (100ul/well) can bind recombinant human IL1R2-Fc with a linear range of 6.25-400 ng/ml.

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

Phe 14

Molecular Mass

The recombinant human IL1R2/Fc is a disulfide-linked homodimer. The reduced monomer consists of 568 amino acids and has a predicted molecular mass of 64.5 kDa. As a result of glycosylation, the rh IL1R2/Fc monomer migrates as an approximately 70-75 kDa band 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

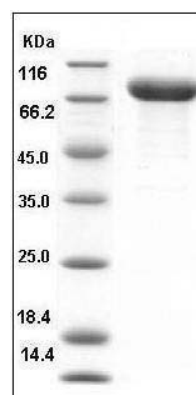
Store it under sterile conditions at -20°C to -80°C.

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



Human IL1R2 / CD121b Protein (Fc Tag) SDS-PAGE