

Human IL-1RA/IL1RN (Fc Tag) recombinant protein



Catalog Number: 502593

General Information

Gene Name Synonym

ICIL-1RA; IL1 inhibitor

Protein Construction

A DNA sequence encoding the mature form of human IL1RA (NP_776214.1) (Arg 26-Glu 177) was fused with the Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 98 % 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

Glu 20

Molecular Mass

The recombinant human IL1RA/Fc is a disulfide-linked homodimeric protein. The reduced

monomer consists of 389 amino acids and predicts a molecular mass of 43.8 kDa. As a result of glycosylation, the rh IL1RA/Fc monomer migrates as approximately 45-55 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.2

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

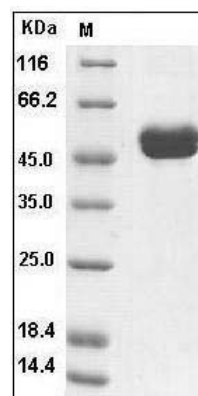
Storage

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 IL-1RA / IL1RN Protein (Fc Tag) SDS-PAGE