

Human IL-1R9/IL1RAPL2 (Fc Tag) recombinant protein



Catalog Number: 503747

General Information

Gene Name Synonym

IL1RAPL-2-related protein; Interleukin-1 receptor 9; Three immunoglobulin domain-containing IL-1 receptor-related 1

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Glu 356) of human IL1R9 (NP_059112.1) precursor was expressed with the fused Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

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

Thr 17

Molecular Mass

The recombinant human IL1R9/Fc is a disulfide-linked homodimeric protein generated by

proteolytic removal of the signal peptide. The reduced monomer consists of 578 amino acids and has a predicted molecular mass of 66 kDa. In SDS-PAGE, the apparent molecular mass of rhIL1R9/Fc monomer is approximately 80-85 kDa due to glycosylation.

Formulation

Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5

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

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

Usage Guide

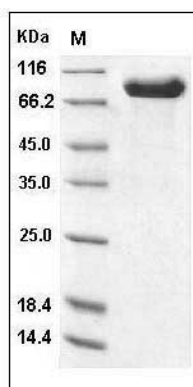
Storage

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-1R9 / IL1RAPL2 Protein (Fc Tag) SDS-PAGE