

Human IL1RL1 (isoform a, His Tag) recombinant protein



Catalog Number: 503255

General Information

Gene Name Synonym

Protein ST2

Protein Construction

A DNA sequence encoding the human IL1RL1 isoform A (NP_057316.3) (Met 1-Ser 328) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized recombinant human IL33 (Cat: 501288) at 10 µg/mL (100 µl/well) can bind biotinylated human IL1RL1 (isoform A) (Cat: 503255) with a linear range of 0.032-8 µg/ml.

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

Lys 19

Molecular Mass

The recombinant human IL1RL1 consists of 321 amino acids and has a calculated molecular mass of 36.3 kDa. As a result of glycosylation, the apparent molecular mass of rh IL1RL1 is approximately 55-60 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

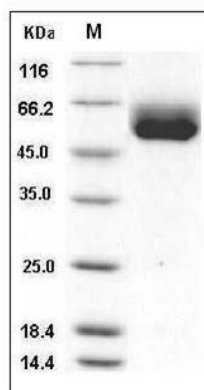
Storage

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



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SDS-PAGE