

Human IL13RA2 / CD213A2 (His Tag) recombinant protein



Catalog Number: 503456

General Information

Gene Name Synonym

Interleukin-13-binding protein

Protein Construction

A DNA sequence encoding the extracellular domain of human IL13R?2 (NP_000631.1) (Met1-Leu342) was expressed with the a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit IL13 dependent proliferation of TF-1 human erythroleukemic cells. The ED₅₀ for this effect is typically 0.02-0.08 µg/mL.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg 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

Asp 27

Molecular Mass

The recombinant human IL13R?2 consists of 325 amino acids and predicts a molecular mass of 38 KDa.

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

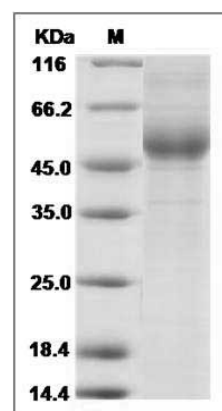
Storage

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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