

# 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 $\beta$ 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 ED<sub>50</sub> for this effect is typically 0.02-0.08  $\mu$ g/mL.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g 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 $\beta$ 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

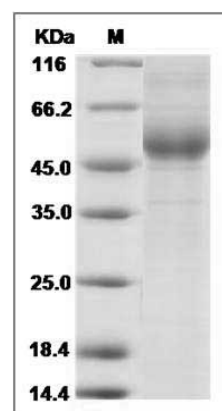
### Storage

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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