

# Human IL13RA1/IL-13RA1 (His Tag) recombinant protein



Catalog Number: 502285

## General Information

### Gene Name Synonym

Cancer/testis antigen 19

### Protein Construction

A DNA sequence encoding the human IL13R?1 (NP\_001551.1) extracellular domain (Met 1-Thr 343) expressed, with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized human IL13RA1 at 4 µg/ml (100 µl/well) can bind human IL13 with a linear ranger of 0.156-2.5 µg/ml.

### Purity

> 97 % 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

Gly 22

## Molecular Mass

The recombinant human IL13R?1 consists of 333 amino acids and has a predicted molecular mass of 38.3 kDa. As a result of glycosylation, the apparent molecular mass of rh IL13R?1 is approximately 55-65 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

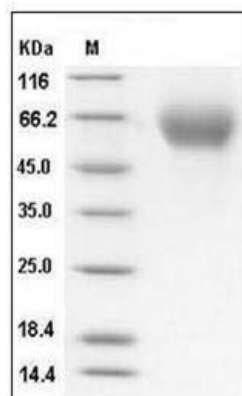
### Storage

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



Human IL13RA1 Protein (His Tag) SDS-PAGE