

For Research Use Only

# Recombinant Human IL-13RA2 protein (rFc Tag)



Catalog Number: Eg2579

## Basic Information

**Species:**  
Human

**Purity:**  
>90 %, SDS-PAGE

**Tag:**  
rFc Tag

## Technical Specifications

**Purity:**

>90 %, SDS-PAGE

**Endotoxin Level:**

<0.1 EU/  $\mu$ g protein, LAL method

**Source:**

CHO-derived Human IL-13RA2 protein Asp27-Arg343 (Accession# Q14627) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**

3598

**Accession:**

Q14627

**Predicted Molecular Mass:**

63.4 kDa

**SDS-PAGE:**

65-80 kDa, reducing (R) conditions

**Formulation:**

Lyophilized from 0.22  $\mu$ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

## Biological Activity

Not tested

## Storage and Shipping

**Storage:**

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

**Shipping:**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

## Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

## Background

IL-13RA2 is an inhibitory decoy receptor with a high affinity for IL-13 and diminishes its certain effector functions. IL-13/IL-13RA2 signaling has been repeatedly reported as an excellent therapeutic target for multiple types of cancers. Although many physiological and pathological roles of IL-13/IL-13RA2 signaling transduction have been described, its biological roles and regulatory mechanisms in CSCs remain largely unknown.

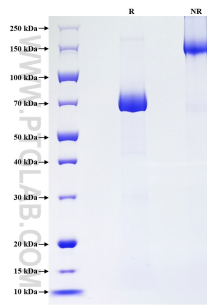
## References

1. Hallett, Miranda A et al. Cancer research vol. 72,24 (2012): 6338-43.
2. He, Baoyu et al. Genes & diseases vol. 11,1 495-508. 23 Apr. 2023.

## Synonyms

IL13RA2, CD213A2, CT19, IL 13 receptor subunit alpha 2, IL 13R

## Selected Validation Data



Purity of Recombinant Human IL-13RA2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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