

Datasheet for ABIN6964113

IL13 Receptor alpha 1 Protein (AA 23-343) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	IL13 Receptor alpha 1 (IL13RA1)
Protein Characteristics:	AA 23-343
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL13 Receptor alpha 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL13RA1 Protein with C-terminal 6xHis tag
Specificity:	IL13RA1 (Gly23-Thr343) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL13 Receptor alpha 1 (IL13RA1)
Alternative Name:	IL13RA1 (IL13RA1 Products)
Background:	The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms

Target Details

a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 37.7 kDa after removal of the signal peptide. The apparent molecular mass of IL13RA1-His is 55-70 kDa due to glycosylation.

Gene ID: 3597

UniProt: [P78552](#)

Pathways: [JAK-STAT Signaling](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

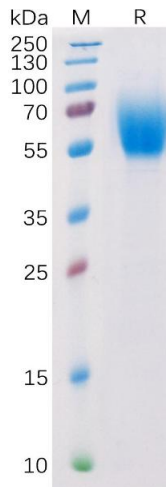
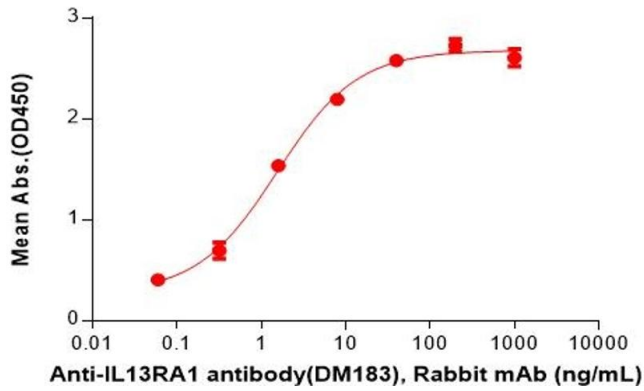
Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Human IL13RA1, His Tagged protein ELISA

0.2 µg of Human IL13RA1, His tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL13RA1 Protein, His Tag (ABIN6964113, ABIN7042481 and ABIN7042482) can bind Anti-IL13RA1 antibody (DM183), Rabbit mAb in a linear range of 0.32-8.0 ng/mL.

SDS-PAGE

Image 2. Human IL13RA1 Protein, His Tag on SDS-PAGE under reducing condition.