

Datasheet for ABIN7275028

IL13RA2 Protein (AA 27-342) (Fc Tag)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	IL13RA2
Protein Characteristics:	AA 27-342
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL13RA2 protein is labelled with Fc Tag.

Product Details

Purpose:	Human IL-13Ra2 Protein
Sequence:	Asp27-Leu342
Characteristics:	Recombinant Human IL-13Ra2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asp27-Leu342.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human IL-13, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IL-13Ra2, hFc Tag with the EC50 of 2.6µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	IL13RA2
Alternative Name:	IL-13Ra2 (IL13RA2 Products)
Background:	Two type 1 membrane proteins belonging to the hemopoietin receptor family have been cloned and shown to bind IL-13 with differing affinities. The lower affinity IL-13 binding protein, previously designated IL-13 R alpha, IL-13 R alpha ' or NR4, is now referred to as IL-13 R alpha 1. The high-affinity IL-13 binding protein, previously also designated IL-13 R or IL-13 R alpha ', is now referred to as IL-13 R alpha 2.
Molecular Weight:	63.7 kDa. Due to glycosylation, the protein migrates to 65-70 kDa based on Tris-Bis PAGE result.
UniProt:	Q14627

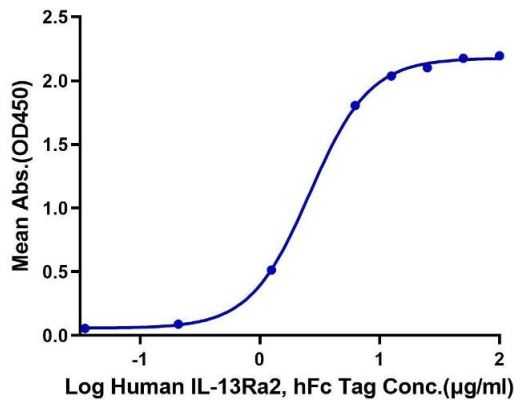
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

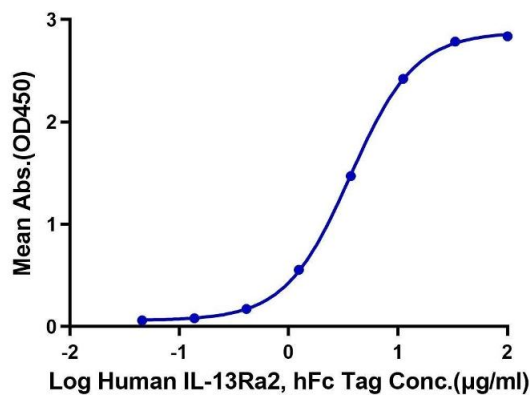
Human IL-13Ra2, hFc Tag ELISA
0.5µg Human IL-13, His Tag Per Well



ELISA

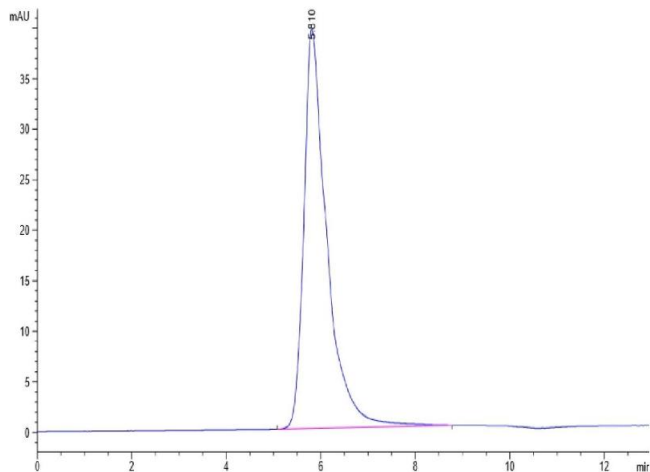
Image 1. Immobilized Human IL-13, His Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Human IL-13Ra2, hFc Tag with the EC50 of 2.6 µg/mL determined by ELISA.

Human IL-13Ra2, hFc Tag ELISA
0.2µg Human IL-13, His Tag Per Well



ELISA

Image 2. Immobilized Human IL-13, His Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Human IL-13Ra2, hFc Tag with the EC50 of 3.6 µg/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human IL-13Ra2 is greater than 95 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275028.