

Datasheet for ABIN7320818

IL13 Receptor alpha 1 Protein (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	IL13 Receptor alpha 1 (IL13RA1)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL13 Receptor alpha 1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse IL13RA1 Protein (Fc Tag)
Sequence:	Ala25-Thr340
Characteristics:	Recombinant Mouse IL-13RA is produced by our Mammalian expression system and the target gene encoding Ala25-Thr340 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL13 Receptor alpha 1 (IL13RA1)
Alternative Name:	IL13RA1 (IL13RA1 Products)
Background:	Background: Interleukin-13 receptor subunit alpha-1(IL-13RA1), also known as NR4, belongs to the hemopoietin receptor family. Interleukin-13 receptor is a complex of IL4R, IL13RA1, and possibly other components. It interacts with TRAF3IP1 and binds with low affinity to interleukin-

Target Details

13(IL3). IL-13RA1, together with IL4RA, can form a functional receptor for IL13. It also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity. The WSXWS motif in domains appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.

Synonym: Interleukin-13 receptor subunit alpha-1,IL-13RA1,Interleukin-13-binding protein,Novel cytokine receptor 4,NR4,CD213a1, IL-13 R alpha 1

Molecular Weight: 63 kDa

UniProt: [O09030](#)

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

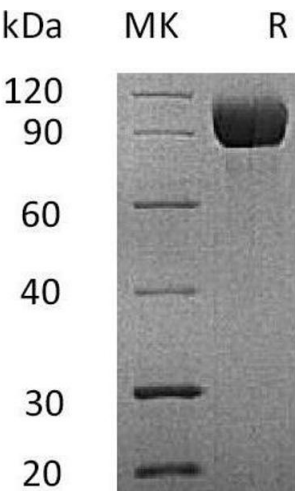
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.