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Datasheet for ABIN7196400 IL13RA2 Protein (Fc Tag)

Image



Overview

Quantity:	100 µg
Target:	IL13RA2
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL13RA2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat IL13RA2/CD213A2 Protein (Fc Tag)(Active)
Sequence:	Met1-Lys336
Characteristics:	A DNA sequence encoding the rat IL13RA2 (Q8VHK6) (Met1-Lys336) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per μg of the protein as determined by the LAL method
Biological Activity Comment:	Measured by its ability to inhibit IL13-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.005-0.03 μ g/mL.

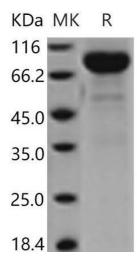
Target Details

Target:

IL13RA2

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Target Details	
Alternative Name:	IL13RA2/CD213A2 (IL13RA2 Products)
Background:	Background: Interleukin-13 receptor subunit alpha-2 (IL13RA2/IL-13RA2) is also known as also known as cluster of differentiation 213A2 (CD213A2), IL-13 receptor subunit alpha-2, IL-13R subunit alpha-2, and IL-13RA2. The IL13RA2 is often overexpressed in brain tumors, making Il13ra2 one of the vaccine targets for immunotherapy of glioma. IL13RA2/IL-13RA2 is a cancerassociated receptor that is present in greater than 80% of High Grade Astrocytomas (HGA) and has recently been recognized as a cytokine that predisposes breast cancer cells to metastasize. Expression of IL13Ra2 was rapidly lost from the surface of transduced cells grown in culture. The loss appeared to be related to ligands present in fetal bovine serum in the medium. None of the malignant glioma cell lines cultivated in vitro and tested to date exhibited the IL13Ra2 receptor. A recombinant virus (R5111) enters cells via its interaction with the IL13R a2 receptors. Synonym: IL13R;IL13RA2
Molecular Weight:	63.4 kDa
UniProt:	Q8VHK6
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 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.

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