Datasheet for ABIN6809889

IL15RA Protein (AA 31-205) (Fc Tag)

Go to Product page

2 Images

Overview

Quantity:	100 µg
Target:	IL15RA
Protein Characteristics:	AA 31-205
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL15RA protein is labelled with Fc Tag.

Product Details

Sequence:	AA 31-205
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IL15RA
Alternative Name:	IL-15 R alpha (IL15RA Products)
Background:	IL15R is a heterotrimer of IL15RA, IL2RB and IL2RG. IL-15RA, also known as CD215, IL-15 R alpha, is a widely expressed 60 kDa transmembrane glycoprotein. High-affinity receptor for interleukin-15. Can signal both in cis and trans where IL15R from one subset of cells presents IL15 to neighboring IL2RG-expressing cells. Expression of different isoforms may alter or

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Target Details

	interfere with signal transduction. An interleukin (IL)-15 superagonist/IL-15 receptor α fusion complex (IL-15SA/IL-15RA, ALT-803) activates the IL-15 receptor on CD8 T cells and NK cells, and has shown significant anti-tumor. Signal transduction involves SYK. Higher levels of soluble sIL-15RA form in comparison with membrane-bound forms is present in all brain structures.
Molecular Weight:	44.8 kDa
NCBI Accession:	NP_002180
Pathways:	JAK-STAT Signaling

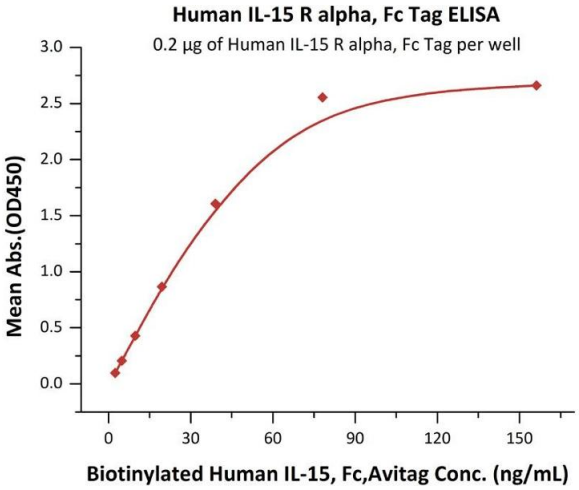
Application Details

Restrictions:	For Research Use only

Handling

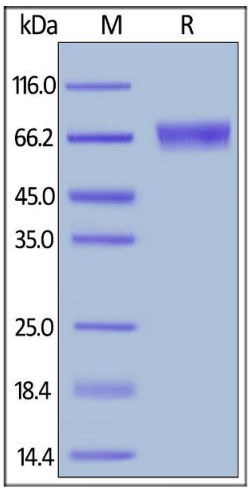
Format:	Lyophilized
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human IL-15 R alpha, Fc Tag (ABIN6731259,ABIN6809889) at 2 µg/mL (100 µL/well) can bind Biotinylated Human IL-15, Fc,Avitag (ABIN6731260,ABIN6809922) with a linear range of 2-78 ng/mL (QC tested).



SDS-PAGE

Image 2. Human IL-15 R alpha, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .

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