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Datasheet for ABIN6809891

IL23R Protein (AA 24-355) (Fc Tag)

2 Images

Overview

Quantity:	100 µg
Target:	IL23R
Protein Characteristics:	AA 24-355
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL23R protein is labelled with Fc Tag.

Product Details

Sequence:	AA 24-355
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IL23R
Alternative Name:	IL-23R (IL23R Products)
Background:	Interleukin 23 receptor (IL-23R) is a type I cytokine receptor, and IL-23R pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. Also, IL-23R associates constitutively with Janus kinase 2 (JAK2), and binds to transcription activator STAT3 in a ligand-dependent manner. Furthermore, IL-23R mediates T-cells, NK cells and

Target Details

possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat signaling cascade. As for IL-23, it may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis.

Molecular Weight: 64.5 kDa

NCBI Accession: [NP_653302](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Restrictions: For Research Use only

Handling

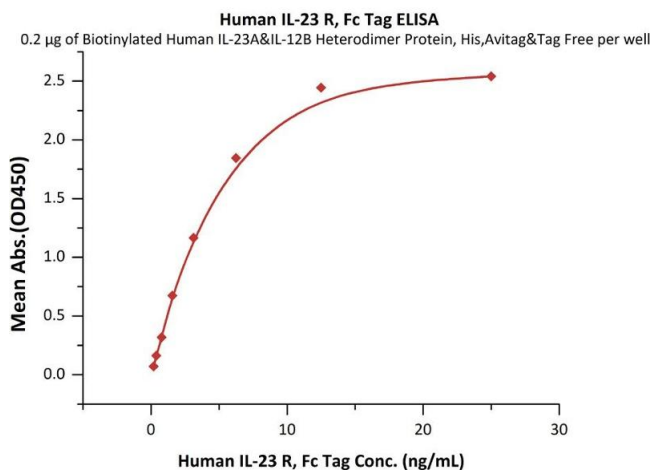
Format: Lyophilized

Buffer: Tris with Glycine, Arginine and NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

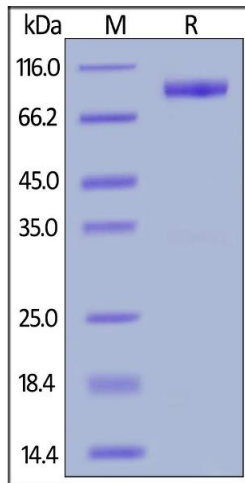
Storage: -20 °C

Images



ELISA

Image 1. Immobilized Biotinylated Human IL-23A&IL-12B Heterodimer Protein, His,Avitag&Tag Free (ABIN4949029,ABIN4949030) at 2 µg/mL (100 µL/well) on streptavidin precoated (0.2 µg/well) plate, can bind Human IL-23 R, Fc Tag (ABIN6731281,ABIN6809891) with a linear range of 0.4-6 ng/mL (QC tested).



SDS-PAGE

Image 2. Human IL-23 R, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .