

Datasheet for ABIN6253316
IL23R Protein (AA 24-353) (Fc Tag)



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Overview

Quantity:	100 µg
Target:	IL23R
Protein Characteristics:	AA 24-353
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL23R protein is labelled with Fc Tag.

Product Details

Purpose:	IL-23R (human):Fc (human) (rec.)
Specificity:	The extracellular domain of human IL-23R (aa 24-353) is fused to the N-terminus of the Fc region of human IgG1.
Characteristics:	<p>Protein. The extracellular domain of human IL-23R (aa 24-353) is fused to the N-terminus of the Fc region of human IgG1. Source: CHO cells. Endotoxin content: <0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). Interleukin-23 receptor (IL-23R), is a member of the type I cytokine receptor family, type 2 subfamily. It is expressed by monocytes, Th1, Th0, NK and dendritic cells. Isoform 1 is specifically expressed in NK cells. IL-23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL-23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis. IL-23R associates with IL-12RB1 to form the interleukin-23 receptor. It binds IL-23 and mediates T cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat</p>

Product Details

signaling cascade. Genetic variations in IL-23R are associated with inflammatory bowel disease type 17 (IBD17). IBD17 is a chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology. Genetic variations in IL-23R also can cause susceptibility to psoriasis type 7.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

Biological Activity Comment: Measured by its binding ability in a functional ELISA.

Target Details

Target: IL23R

Alternative Name: IL-23R ([IL23R Products](#))

Background: Alternate Names/Synonyms: Interleukin-23 Receptor
Product Description: Interleukin-23 receptor (IL-23R), is a member of the type I cytokine receptor family, type 2 subfamily. It is expressed by monocytes, Th1, Th0, NK and dendritic cells. Isoform 1 is specifically expressed in NK cells. IL-23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL-23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis. IL-23R associates with IL-12RB1 to form the interleukin-23 receptor. It binds IL-23 and mediates T cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat signaling cascade. Genetic variations in IL-23R are associated with inflammatory bowel disease type 17 (IBD17). IBD17 is a chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology. Genetic variations in IL-23R also can cause susceptibility to psoriasis type 7.

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

Concentration: Lot specific

Handling

Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.