

Datasheet for ABIN7566254

**IL23R Protein (AA 24-353) (Fc Tag)**[Go to Product page](#)

## Overview

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

## Product Details

Purpose:	IL-23R (human):Fc (human) (rec.)
Cross-Reactivity:	Human
Characteristics:	The extracellular domain of human IL-23R (aa 24-353) is fused to the N-terminus of the Fc region of human IgG1.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
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 ( <a href="#">IL23R Products</a> )
Background:	<p>Interleukin-23 Receptor</p> <p>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.</p>
NCBI Accession:	<a href="#">NP_653302</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.
Storage:	4 °C, -20 °C
Storage Comment:	<p>Short Term Storage: +4°C</p> <p>Long Term Storage: -20°C</p> <p>Use &amp; 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.</p>