

Datasheet for ABIN7320558

IL23R Protein (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	IL23R
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL23R protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse IL-23 Receptor/IL-23R Protein (Fc Tag)
Sequence:	Gly24-Asp372
Characteristics:	Recombinant Mouse Interleukin-23 Receptor is produced by our Mammalian expression system and the target gene encoding Gly24-Asp372 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL23R
Alternative Name:	IL-23 Receptor/IL-23R (IL23R Products)
Background:	Background: Interleukin 23 receptor (IL23R), a heterodimer of the IL12 receptor β1 (IL12Rβ1) and IL12Rβ2, is a type I cytokine receptor for IL23. IL23R is comprised of two subunits, the

Target Details

IL12R β 1 subunit, which is shared with several cytokines, and a subunit that is unique to IL-23. IL23, after binding to IL23R, activates memory T cells and mediates pro-inflammatory activities in part by the production of IL17 through activation of TH17 lymphocytes. IL23R is expressed on T cells, NK cells, dendritic cells, and macrophages. In fact, polymorphisms of the IL23R gene were reported to be associated with susceptibility to inflammatory diseases and autoimmune diseases such as psoriasis, multiple sclerosis, Graves's ophtalmopathy and inflammatory bowel diseases. The IL23R is known to be critically involved in the carcinogenesis of different malignant tumor.

Synonym: Interleukin-23 receptor, Il23r, IL-23 receptor, IL-23R, interleukin 23 receptor

Molecular Weight: 67.3 kDa

UniProt: [Q8K4B4](#)

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

Application Details

Restrictions: For Research Use only

Handling

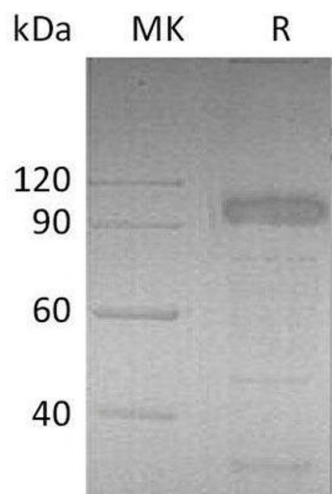
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 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.