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IL23R Protein (Fc Tag)







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Quantity:	50 μg
Target:	IL23R
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL23R protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat IL23R/IL23 Receptor Protein (Fc Tag)(Active)
Sequence:	Met1-Asp367
Characteristics:	A DNA sequence encoding the rat IL23R (Met1-Asp367) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	(75.1+16.6) as determined by SDS-PAGE
Biological Activity Comment:	Measured by its ability to bind recombinant mouse IL12Bh (m)+mIL23Ah in a functional ELISA.

Target Details

Target:	IL23R
Alternative Name:	IL23R/IL23 Receptor (IL23R Products)
Background:	Background: IL23R, also known as IL23 receptor, belongs to the type I cytokine receptor family,

Type 2 subfamily. It contains 2 fibronectin type-III domains and is expressed by monocytes, Th1, Th0, NK and dendritic cells. Isoform 1 is specifically expressed in NK cells. IL23R associates with IL12RB1 to form the interleukin-23 receptor. It binds IL23 and mediates T-cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat signaling cascade. IL23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis. Genetic variations in IL23R 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 IL23R also can cause susceptibility to psoriasis type 7.

Synonym: IL23R

Molecular Weight:

69.4 kDa

NCBI Accession:

XP_003753958

Pathways:

Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Activated T Cell Proliferation

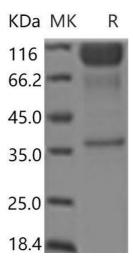
Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 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.