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Datasheet for ABIN7317690

IL22RA2 Protein (His tag,Fc Tag)

Overview

Quantity:	50 µg
Target:	IL22RA2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL22RA2 protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Human IL-22BP/IL22RA2 Protein (His & Fc Tag)
Sequence:	Met 1-Pro 231
Characteristics:	A DNA sequence encoding the human IL22RA2 isoform 2 (NP_851826.1) (Met 1-Pro 231) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL22RA2
Alternative Name:	IL-22BP/IL22RA2 (IL22RA2 Products)
Background:	Background: Interleukin-22 receptor subunit alpha-2 (IL-22RA2), also known as interleukin-22-binding protein (IL-22BP), is a subunit of the receptor for interleukin 22. IL-22BP belongs to the type I I cytokine receptor family and contains 3 fibronectin type-III domains. IL-22BP/IL-22RA2

Target Details

is expressed in a range of tissues, including those in the digestive, female reproductive, and immune systems. It is expressed in placenta, spleen, breast, skin and lung. It is also detected in intestinal tract, testis, brain, heart and thymus. The dominant cell types expressing IL-22BP/IL-22RA2 were mononuclear cells and epithelium. IL-22BP/IL-22RA2 may play an important role as an IL-22 antagonist in the regulation of inflammatory responses. Interleukin-22 (IL-22) is a member of IL-10 family. It is produced by T cells and induces the production of acute-phase reactants. IL-22 plays important roles in immune response through activation of the STAT 3 signal transduction pathway. Two types of IL-22-binding receptor have been discovered, a membrane-bound receptor and a soluble receptor.

Synonym: CRF2-10,CRF2-S1,CRF2X,IL-22BP,IL-22R-alpha-2,IL-22RA2,ZCYTOR16

Molecular Weight: 52.8 kDa

NCBI Accession: [NP_851826](#)

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.