

Datasheet for ABIN7317689
IL22RA2 Protein (His tag)



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Overview

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

Product Details

Purpose:	Recombinant Human IL-22BP/IL22RA2 Protein (His Tag)(Active)
Sequence:	Met 1-Pro 231
Characteristics:	A DNA sequence encoding the human IL22RA2 isoform 2 (NP_851826.1) (Met 1-Pro 231) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Immobilized IL22BP-His at 10 µg/ml (100 µl/well) can bind biotinylated IL22, The EC50 of biotinylated IL22 is 1.78-4.14 ng/ml.

Target Details

Target:	IL22RA2
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Target Details

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 cytokine receptor family and contains 3 fibronectin type-III domains. IL-22BP/IL-22RA2 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: 26.1 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.