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Datasheet for ABIN7319345 IL17RA Protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	IL17RA
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL17RA protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human IL17RA Protein (Fc Tag)(Active)
Sequence:	Leu33-Trp320
Characteristics:	Recombinant Human Interleukin-17 receptor A is produced by our Mammalian expression system and the target gene encoding Leu33-Trp320 is expressed with a Fc tag 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.
Biological Activity Comment:	Measured by its ability to inhibit IL-17-induced IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 20-100 ng/ml.

Target Details

Target:	IL17RA
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Target Details

Alternative Name: [IL17RA \(IL17RA Products\)](#)

Background: Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor, IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure.

Synonym: CD127,CDW127,IL-17R,IL-17R-alpha,IL7RA,ILRA, IL-17RA, IL-17 R alpha, Interleukin-17 receptor A

Molecular Weight: 60.6 kDa

NCBI Accession: [NP_055154](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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 µm 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.