

Datasheet for ABIN7534426 IL17RA Protein (His tag)



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Overview

Quantity:	100 µg
Target:	IL17RA
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL17RA protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human IL-17RA/CD217 Protein
Sequence:	LRLLDHRALV CSQPGLNCTV KNSTCLDDSW IHPRNLTPSS PKDLQIQLHF AHTQQGDLFP VAHIEWTLQT DASILYLEGA ELSVLQLNTN ERLCVRFEFL SKLRHHHRRW RFTFSHFVVD PDQEYEVTVH HLPKPIPDGD PNHQSKNFLV PDCEHARMKV TTPCMSSGSL WDPNITVETL EAHQLRVSFT LWNETHYQI LLTSFPHMEN HSCFEHMHHI PAPERPEEFHQ RSNVTLTRN LKGCCRHQVQ IQPFSSCLN DCLRHSATVS CPEMPDTPEP IPDYMPLW
Specificity:	Leu33-Trp320
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	1. Measured by its ability to inhibit IL-17A induced IL-6 secretion by Hela cells. The ED ₅₀ for this effect is 0.02-0.1 µg/mL in the presence of 10 ng/mL recombinant human IL 17A. 2. Measured

Product Details

by its binding ability in a functional ELISA. Immobilized Recombinant human IL17RA , His Tag at 2 µg/mL (100 µL/well) can bind Recombinant human IL-17A,His Tag with a linear range of 31.25-65 ng/mL.

Target Details

Target:	IL17RA
Alternative Name:	IL-17RA/CD217 (IL17RA Products)
Background:	<p>Description: 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. This transmembrane protein (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.</p> <p>Name: CANDF5, CD217, CDw217, IL-17RA, IL17R, IMD51, hIL-17R,IL17RA,CD217,CDw217,IL-17RA,IL17R,IMD51,hIL-17R</p>
Gene ID:	23765
UniProt:	Q96F46
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.