

Datasheet for ABIN7196415
IL17RA Protein (Fc Tag)[Go to Product page](#)

1 Image

Overview

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

Product Details

Purpose:	Recombinant Rat IL17RA Protein (Fc Tag)(Active)
Sequence:	Met1-Pro320
Characteristics:	A DNA sequence encoding the rat IL17RA (NP_001101353.2)(Met1-Pro320) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized mouse IL17A at 10 µg/ml (100 µl/well) can bind Rat IL17RA, The EC50 of RatIL17RA is 12.0-29.0 ng/ml.

Target Details

Target:	IL17RA
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Target Details

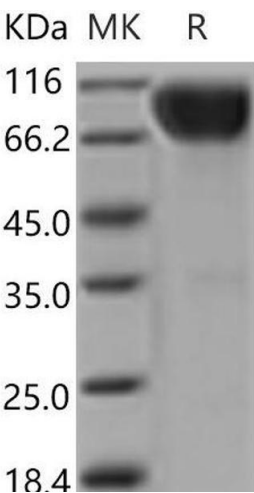
Alternative Name:	IL17RA (IL17RA Products)
Background:	<p>Background: Interleukin-17 receptor (IL-17R), also known as Interleukin-17 receptor A (IL-17RA) and CD217 antigen (CD217), is a cytokine receptor which binds interleukin 17. IL-17R/IL-17RA (CD217) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. IL-17R/IL-17RA (CD217) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor IL-17RA 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. Defects in IL-17R/IL-17RA (CD217) are the cause of familial candidiasis type 5 (CANDF5). CANDF5 is a rare disorder with altered immune responses and impaired clearance of fungal infections, selective against Candida. It is characterized by persistent and/or recurrent infections of the skin, nails and mucous membranes caused by organisms of the genus Candida, mainly Candida albicans.</p> <p>Synonym: IL17RA</p>
Molecular Weight:	59.7 kDa
NCBI Accession:	NP_001101353
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only
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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:	<p>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.</p>



Western Blotting

Image 1.