

Datasheet for ABIN7196419
IL17RA Protein (His 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 His tag. |

Product Details

| | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Recombinant Rat IL17RA Protein (His Tag)(Active) |
| Sequence: | Met1-Pro320 |
| Characteristics: | A DNA sequence encoding the rat IL17RA (NP_001101353.2) (Met1-Pro320) was expressed, fused with a polyhistidine tag 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: | 1. Measured by its binding ability in a functional ELISA. Immobilized rat IL17RA-His at 10 µg/ml (100 µl/well) can bind biotinylated human IL17A, The EC50 of biotinylated human IL17A is 5-11.8 ng/ml. 2. Measured by its binding ability in a functional ELISA. Immobilized mouse IL17a at 10 µg/ml (100 µl/well) can bind rat IL17RA-His, The EC50 of rat IL17RA-His is 0.44-1.02 µg/mL. |

Target Details

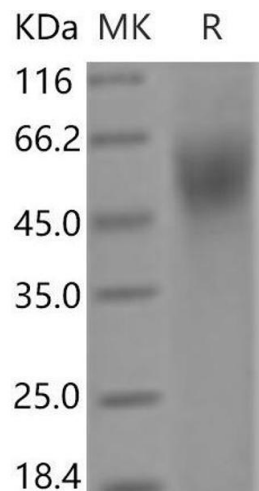
| | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | IL17RA |
| 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: | 34.1 kDa |
| NCBI Accession: | NP_001101353 |
| Pathways: | SARS-CoV-2 Protein Interactome |

Application Details

| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

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| 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.</p> <p>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.