10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Human CellExp IL17R /CD217, human recombinant protein

CD217, CDw217, IL-17RA, IL17R, CANDF5, hIL-17R
Catalog # PBV11051r

Specification

Human CellExp IL17R /CD217, human recombinant protein - Product info

Primary Accession	Q96F46
Calculated MW	**This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 34.3 kDa. The predicted N-terminus is Leu 33. DTT-reduced Protein migrates as 55-60 kDa due to glycosylation. KDa**

Human CellExp IL17R /CD217, human recombinant protein - Additional Info

Gene ID	**23765**
Gene Symbol	**IL17RA**

Other Names
CD217, CDw217, IL-17RA, IL17R, CANDF5, hIL-17R

Gene Source	**Human**
Source	**HEK293 cells**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**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 typically 0.01-0.1 µg/mL in the presence of 10 ng/mL recombinant human IL-17.**

Target/Specificity
IL17R /CD217

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized

Storage
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

Human CellExp IL17R /CD217, human recombinant protein - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp IL17R /CD217, human recombinant protein - Images

Human CellExp IL17R /CD217, human recombinant protein - Background

Interleukin 17 receptor A (IL17RA), also known as cluster of differentiation w217 (CDw217), is a pro-inflammatory cytokine secreted by activated T-lymphocytes, belong to ubiquitous type I membrane glycoprotein, and binds with low affinity to interleukin 17A (IL17A). IL 17R mRNA exhibits a broad tissue distribution, and has been detected in virtually all cells and tissues tested. IL 17RA associates with IL 17RC to form a signaling receptor complex for IL17 and IL17F. Ligand and IL 17RA ligation promotes T cell activation and the production of IL - 6, G-CSF, SCF, and multiple pro-inflammatory chemokines. Defects in IL17RA are the cause of familial candidiasis type 5 (CANDF5).

Human CellExp IL17R /CD217, human recombinant protein - References

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