

Recombinant Mouse IL-17 RA/IL-17 R Protein(Fc Tag)

Catalog Number: PDMM100153



Note: Centrifuge before opening to ensure complete recovery of vial contents.

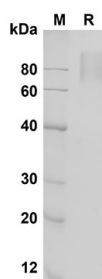
Description

| | |
|---------------------|--------------------------------------------------------------------------------------|
| Species | Mouse |
| Source | Mammalian-derived Mouse IL-17 RA/IL-17 R proteins Ser32-Trp322,with an C-terminal Fc |
| Mol_Mass | 56.9 kDa |
| Accession | Q60943 |
| Bio-activity | Not validated for activity |

Properties

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity | > 90% as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU/mg of the protein as determined by the LAL method |
| Storage | 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. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis. |

Data



SDS-PAGE analysis of Mouse IL-17 RA/IL-17 R proteins ,
2µg/lane of Recombinant Mouse IL-17 RA/IL-17 R proteins
was resolved with SDS-PAGE under reducing conditions ,
showing bands at 80 KD

Background

For Research Use Only

A Reliable Research Partner in Life Science and Medicine
Tel:400-999-2100

Email:techsupport@elabscience.cn

Web:www.elabscience.cn

Rev. V1.5

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Interleukin-17 receptor (IL-17R), also known as Interleukin-17 receptor A (IL-17RA) and CD217 antigen (CD217), is a cytokine receptor that 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*.

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