

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

RPE8480



Product Information

Product SKU:	RPE8480	Expression Host:	Mammalian	Size:	20µg
Tag:	C-Fc	Reactivity:	Mouse	Accession:	Q60943

Additional Information

Calculated MW:	56.9 kDa	Observed MW:	80 kDa
Sequence:	Ser32-Trp322		

Protein Information

Background:	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.
Synonyms:	IL17r, IL17ra, IL-7R, IL-17R, CDw217, IL-7R&, alpha, AW538159, Cdw217, VDw217
Endotoxin:	< 1.0 EU/mg of the protein as determined by the LAL method
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity:	> 90% as determined by reducing SDS-PAGE.
Bio-Activity:	Not validated for activity

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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.