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32-8972: Recombinant Mouse Interleukin-21 Receptor/IL-21R (C-6His)(Discontinued)

Gene : Il21r
Gene ID : 60504
Uniprot ID : Q9JHX3

Description

Source: Human Cells.
MW :25.7kD.
Recombinant Mouse Interleukin-21 Receptor is produced by our Mammalian expression system and the target gene encoding Cys20-Pro236 is expressed with a 6His tag at the C-terminus. Interleukin-21 receptor (IL-21R) is a type I transmembrane glycoprotein within the class I cytokine receptor family, type 4 subfamily. IL-21R is expressed mainly on B cells, NK cells, and activated T cells, but is also found on dendritic cells, alternatively activated macrophages, intestinal lamina propria fibroblasts and epithelial cells, and keratinocytes. Both IL-21 and IL-4 are necessary for efficient B cell IgG1 production and normal germinal center architecture. B cell IL-21 R engagement induces Blimp-1(which mediates plasma cell differentiation), and is important for memory responses. IL-21R engagement on mouse NK cells enhances their cytotoxic activity and IFN- gamma production. IL-21R engagement on CD8+ T cells aids control of viral infection and tumor growth? IL-21R is also necessary for sufficient numbers of regulatory T cells to combat chronic inflammation. IL-21R expression is often up-regulated in allergic skin inflammation, systemic lupus erythematosus and diffuse large B cell lymphoma (DLBCL).

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	CLDLTCYTDYLWTITCVLETRSPNPSILSLTWQDEYEELQDQETFCSLHRSGHNTTHIWYTCHMRLSQFLSDEV FIVNVTDQSGNNSQECGSFVLAESIKPAPPLNVTVAFSGRYDISWDSAYDEPSNYVLRGKLQYELQYRNLRDPY AVRPVTKLISVDSRNVSLLPEEFHKDSSYQLQVRAAPQPGTSFRGTWSEWSDPVIFQTQAGEPEAGWDPHHH HHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.