

Recombinant Human IL21R

Catalog No: #GP10134



Package Size: #GP10134-1 100ug

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Description

Product Name	Recombinant Human IL21R
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 20-232 amino acids of human interleukin 21 receptorp
Target Name	interleukin 21 receptorp
Other Names	NILR; CD360
Accession No.	Swissprot:Q9HBE5Gene Accession:BC004348
Uniprot	Q9HBE5
GeneID	50615;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a cytokine receptor for interleukin 21 (IL21). It belongs to the type I cytokine receptors, and has been shown to form a heterodimeric receptor complex with the common gamma-chain, a receptor subunit also shared by the receptors for interleukin 2, 4, 7, 9, and 15. This receptor transduces the growth promoting signal of IL21, and is important for the proliferation and differentiation of T cells, B cells, and natural killer (NK) cells. The ligand binding of this receptor leads to the activation of multiple downstream signaling molecules, including JAK1, JAK3, STAT1, and STAT3. Knockout studies of a similar gene in mouse suggest a role for this gene in regulating immunoglobulin production. Three alternatively spliced transcript variants have been described.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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