

## IL21R 抗原（重组蛋白）

中文名称：IL21R 抗原（重组蛋白）

英文名称：IL21R Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 20-232 amino acids of human IL21R

技术规格

<b>Full name:</b>	interleukin 21 receptorp
<b>Synonyms:</b>	NILR; CD360
<b>Swissprot:</b>	Q9HBE5
<b>Gene Accession:</b>	BC004348
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.