

IL21R (Human) Recombinant protein

Catalog # P8799

Size 2 x 10 ug

Specification

Product Description	Human IL21R (Q9HBE5, 20 a.a. - 232 a.a) partial recombinant protein with His tag at C-terminal expressed in Sf9 cells.
Sequence	CPDLVCYTDY LQTVICILEM WNLHPSTLTL TWQDQYEELK DEATSCSLHR SAHNATHATY TCH MDVFHFM ADDIFSVNIT DQSGNYSQEC GSFLLAESIK PAPPFNVTVT FSGQYNISWR SDYEDP AFYM LKGKLQYELQ YRNRGDPWAV SPRRK LISVD SRSVSLLPLE FRKDSSYELQ VRAGPMPG SS YQGTWSEWSD PVIFQTQSEE LKEVEHHHHH H
Host	insect
Theoretical MW (kDa)	25.6
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purity	> 90% by SDS-PAGE.
Storage Buffer	In PBS, pH 7.4 and 10% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL21R

Entrez GeneID [50615](#)Protein Accession# [Q9HBE5](#)

Gene Name	IL21R
Gene Alias	MGC10967, NILR
Gene Description	interleukin 21 receptor
Omim ID	147050 605383
Gene Ontology	Hyperlink
Gene Summary	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 encoding the same protein have been described. [provided by RefSeq]
Other Designations	-

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Encephalomyelitis](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)

- [Osteoporosis](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)