9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL21R Human

Interleukin-21 Receptor Human Recombinant
CYK0414

Product Overview

Name	IL21R Human
Description	
Interleukin-21 Receptor Human Recombinant	
Accession (Primary)	Q9HBE5
Synonyms	
Interleukin 21 Receptor, Novel Interleukin Receptor, IL-21 Receptor, NILR, Interleukin-21 Receptor, CD360 Antigen, IL-21R, CD360.	
Introduction	
Interleukin-21 receptor, also known as IL21R is a member of the type I cytokine receptors family. IL21R forms a heterodimeric receptor complex with the common gamma-chain, a receptor subunit which is also shared by the receptors for interleukin 2, 4, 7, 9, and 15. Furthermore, IL21 receptor transduces the growth promoting signal of IL21, and is significant for the proliferation as well as differentiation of T cells, B cells, and natural killer (NK) cells. The ligand binding of IL21 receptor leads to the activation of numerous downstream signaling molecules, including JAK1, JAK3, STAT1, as well as STAT3.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL21R protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
CPDLVCYTDY LQTVICILEM WNLHPSTLTL TWQDQYEELK DEATSCSLHR SAHNATHATY TCHMDVFHFM ADDIFSVNIT DQSGNYSQEC GSFLLAESIK PAPPFNVTVT FSGQYNISWR SDYEDPAFYM LKGKLQYELQ	

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YRNRGDPWAV SPRRKLISVD SRSVSLLPLE FRKDSSYELQ VRAGPMPGSS YQGTWSEWSD PVIFQTQSEE LKE VEHHHHH H

Precautions

IL21R Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9HBE5)