9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6468: IL21R Human

Alternative Name : Interleukin 21 Receptor, Novel Interleukin Receptor, IL-21 Receptor, NILR, Interleukin-21 Receptor, CD360 Antigen, IL-21R, CD360.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
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. IL21R produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (20-232 a.a.) and fused to an 8 aa His Tag at C-terminus containing a total of 221 amino acids and having a molecular mass of 25.6kDa.IL21R shows multiple bands between 28-40kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	IL21R protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	CPDLVCYTDY LQTVICILEM WNLHPSTLTL TWQDQYEELK DEATSCSLHR SAHNATHATY TCHMDVFHFM ADDIFSVNIT DQSGNYSQEC GSFLLAESIK PAPPFNVTVT FSGQYNISWR SDYEDPAFYM LKGKLQYELQ YRNRGDPWAV SPRRKLISVD SRSVSLLPLE FRKDSSYELQ VRAGPMPGSS YQGTWSEWSD PVIFQTQSEE LKEVEHHHHH H

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