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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL21R (Human) Recombinant Protein

Catalog Number: P9720

Regulation Status: For research use only (RUO)

Product Description: Human IL21R (Q9HBE5, 20 a.a. - 232 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

Sequence:

CPDLVCYTDYLTQVICILEMWNLHPSTLTLTWQDQYEE
LKDEATSCSLHRSAHNATHATYTCHMDVHFHMADDIF
SVNITDQSGNYSQECGSFLLAESIKPAPPFNVTVFSG
QYNISWRSDYEDPAFYMLKGLQYELQYRNRGDPWA
VSPRRKLISVDSRSVLLPLEFRKDSSYELQVRAGPMP
GSSYQGTWSEWSDPVIFQTQSEELKE

Host: Human

Theoretical MW (kDa): 25.65

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (Expi293, high-yield transient HEK293) expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein (determined by LAL method)

Activity: The EC₅₀ was 24.3 ng/mL, measured by ELISA at 1 ug/mL.

Recommend Usage: Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from sterile distilled Water is > 100 ug/mL

Storage Instruction: Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 50615

Gene Symbol: IL21R

Gene Alias: MGC10967, NILR

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]