

Recombinant Human IL21R protein, T7/His-tagged

Cat. No. IL21R-99H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD360 cDNA (20 – 232 aa), fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-232 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFCPDLVCYTDYLTQVICILEMWNLHPS TLTLTWQDQYEELKDEATSC SLHRSAHNATHATYTCHMDVFHFMADDIFSVNITDQ SGNYSQECGSFLLAESIKPAPPFNVTVTFSGQYNISWRS DYEDPAFYMLKGKLQYE LQYRNRGDPWAVSPRRKLISVDSRSVLLPLEFRKDSSYELQVRAGPMPGSSYQGT WS EWSDPVIFQTQSEELKE
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro non-glycosylated CD360 protein mediated T cell activations regulation study with this protein as either coating matrix protein or soluble factor.2. May be used for CD360 protein-protein interaction assay.3. As enzymatic substrate for various proteases.4. As antigen for specific antibody production.

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Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION
Gene Name

IL21R interleukin 21 receptor [Homo sapiens]

Official Symbol

IL21R

Synonyms

IL21R; interleukin 21 receptor; interleukin-21 receptor; CD360; IL-21R; IL-21 receptor; novel interleukin receptor; NILR; MGC10967;

Gene ID

50615

mRNA Refseq

NM_021798

Protein Refseq

NP_068570

MIM

605383

UniProt ID

Q9HBE5

**Chromosome
Location**

16p11

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

Function

interleukin-21 receptor activity; receptor activity;

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