

IL21R recombinant protein

Human IL21R Protein, His Tag

CATALOG # AAA47479	HOST HEK293 cells	APPLICATIONS ELISA
------------------------------	-----------------------------	------------------------------

PRODUCT SYNONYMS

IL21R; Human IL21R Protein; His Tag; CD360; IMD56; NILR; IL21R recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>95%; affinity purification
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	IL21R(Cys2 0-Glu232)+ 6×Histag
Applicable Applications for IL21R recombinant protein	ELISA
Species	Human
Tag	C-6×His tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES

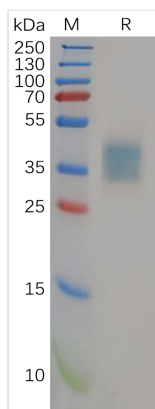

SDS-PAGE

Figure 1. Human IL21R Protein, His Tag on SDS-PAGE under reducing condition.

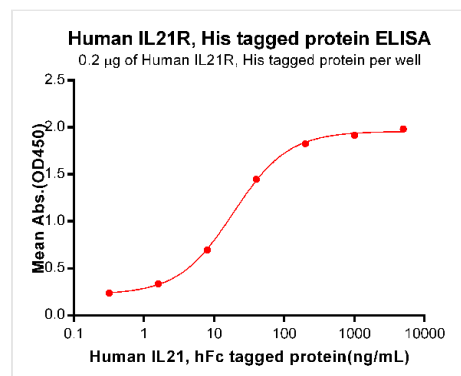

ELISA

Figure 1. Human IL21R Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for IL21R recombinant protein	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 have been described.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	11141869
NCBI GeneID	50615
NCBI Accession #	NP_068570.1
NCBI GenBank Nucleotide #	NM_021798.3
UniProt Accession #	Q9HBE5; Q96HZ1; Q9HB91; A8K9E8; D3DWF7
Molecular Weight	59,130 Da
NCBI Official Full Name	interleukin-21 receptor isoform 1
NCBI Official Synonym Full Names	interleukin 21 receptor
NCBI Official Symbol	IL21R
NCBI Official Synonym Symbols	NILR; CD360
NCBI Protein Information	interleukin-21 receptor
UniProt Protein Name	Interleukin-21 receptor
UniProt Gene Name	IL21R
UniProt Synonym Gene Names	NILR; IL-21 receptor; IL-21R
UniProt Entry Name	IL21R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.