

Datasheet for ABIN2181372

**IL21 Receptor Protein (AA 20-236) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µg
Target:	IL21 Receptor (IL21R)
Protein Characteristics:	AA 20-236
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL21 Receptor protein is labelled with His tag.

## Product Details

Sequence:	AA 20-236
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 25.8 kDa. The protein migrates as 42-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>92 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	IL21 Receptor (IL21R)
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## Target Details

Alternative Name:	IL-21 R ( <a href="#">IL21R Products</a> )
Background:	Interleukin-21 receptor (IL21R) is also known as CD antigen CD360, Novel interleukin receptor (NILR), is a receptor for interleukin-21 and belongs to the type I cytokine receptor family or type 4 subfamily. IL21R contains two fibronectin type-III domains. IL21R is selectively expressed in lymphoid tissues and most highly expressed in thymus and spleen. IL21R 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.
Molecular Weight:	26.1 kDa
Pathways:	<a href="#">JAK-STAT Signaling</a>

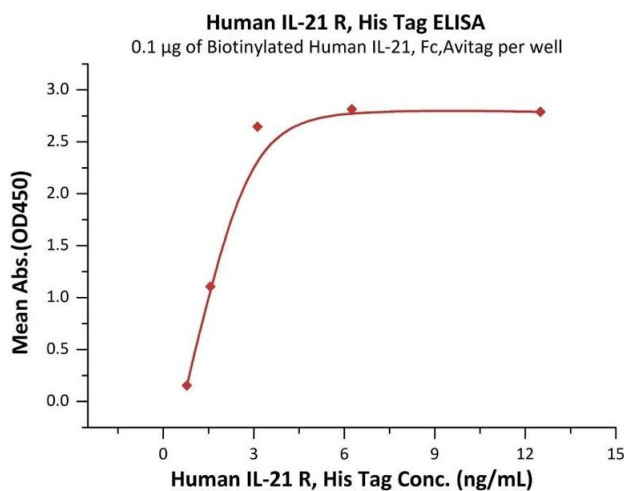
## Application Details

Restrictions:	For Research Use only
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## Handling

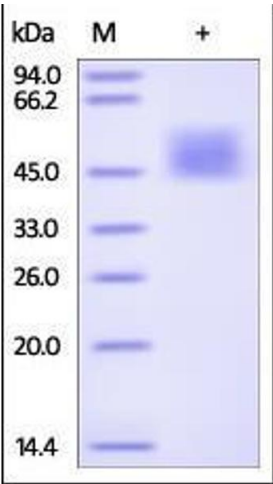
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

## Images



### ELISA

**Image 1.** Immobilized Biotinylated Human IL-21, Fc,Avitag (ABIN5674598,ABIN6253717) at 2 µg/mL (100 µL/well) can bind Human IL-21 R, His Tag (ABIN2181372,ABIN2181371) with a linear range of 2-8 ng/mL (QC tested).



SDS-PAGE

Image 2.