

Datasheet for ABIN7274926

IL-21 Protein (AA 18-146) (His-Avi Tag,Biotin)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IL-21 (IL21)
Protein Characteristics:	AA 18-146
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-21 protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Mouse IL-21 Protein
Sequence:	His18-Ser146
Characteristics:	Recombinant Biotinylated Mouse IL-21 Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus.It contains His18-Ser146.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL-21 (IL21)
Alternative Name:	IL-21 (IL21 Products)

Target Details

Background:	Interleukin-21 (IL-21), produced predominantly by CD4 T cells and natural killer T (NKT) cells, is a newly discovered member of the common γ -chain family of cytokines. It has been implicated in many immunological processes and has been linked to autoimmune diseases, allergies and other inflammatory diseases.
Molecular Weight:	17.9 kDa same as Tris-Bis PAGE result.
UniProt:	Q9ES17
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

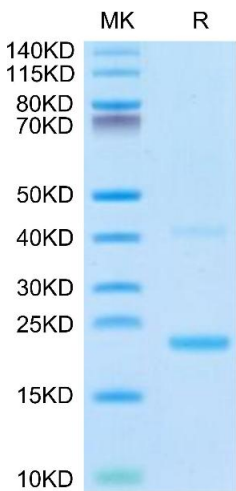
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 μ m filtered solution in 20 mM NaAc, 150 mM NaCl (pH 5.5).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Biotinylated Mouse IL-21 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .