

Datasheet for ABIN7320585

IL-21 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL-21 (IL21)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse Interleukin-21/IL-21 Protein
Sequence:	Pro25-Ser146
Characteristics:	Recombinant Mouse Interleukin-21 is produced by our E.coli expression system and the target gene encoding Pro25-Ser146 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL-21 (IL21)
Alternative Name:	Interleukin-21/IL-21 (IL21 Products)
Background:	Background: Interleukin-21 also known as IL-21 is a protein that in mouse is encoded by the IL21 gene, belongs to the IL-15/IL-21 family. Interleukin-21 is a cytokine that has potent regulatory effects on cells of the immune system, including natural killer (NK) cells and cytotoxic T cells that can destroy virally infected or cancerous cells. This cytokine induces cell

Target Details

	division/proliferation in its target cells. Synonym: Interleukin-21,IL-21,IL21,IL21
Molecular Weight:	14.4 kDa
UniProt:	Q9ES17
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

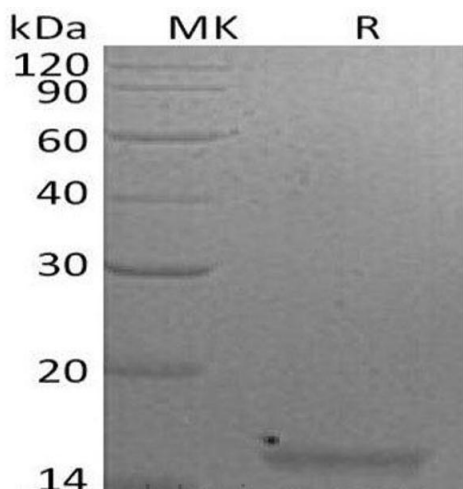
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.