

Bioactive

IL21 (Human) Recombinant protein

Catalog # P8794

Size 2 x 10 ug

Specification

Product Description	Human IL21 (Q9HBE4) recombinant protein expressed in <i>Escherichia Coli</i> .
Sequence	MQDRHMIRMRLQLIDVDQLK NYVNDLVPEF LPAPEDVETN CEWSAFSCFQ KAQLKSANTG NN ERIINVSI KKLKRKPPST NAGRRQKHRL TCPSCDSYEK KPPKEFLERF KSLQKMIHQ HLSSRT HGSE DS
Host	Escherichia coli
Theoretical MW (kDa)	15.4
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS-PAGE.
Activity	Measured by the ability to proliferate activated B cells.
Storage Buffer	Lyophilized from PBS, pH 7.4
Storage Instruction	Lyophilized although stable at room temperature for 3 weeks. should be stored desiccated below -20 °C. Upon reconstitution should be stored at 4°C between 2-7 days and for future use below -20°C. F or long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL21

Entrez GeneID	59067
Protein Accession#	Q9HBE4
Gene Name	IL21
Gene Alias	IL-21, Za11
Gene Description	interleukin 21
Omim ID	605384
Gene Ontology	Hyperlink
Other Designations	interleukin-21 isoform

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Addison Disease](#)
- [Alopecia Areata](#)
- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Colitis](#)
- [Crohn Disease](#)

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Wegener Granulomatosis](#)