Bioactive

IL21 (Human) Recombinant protein

Catalog # P8794 Size 2 x 10 ug

Specification

Product Description	Human IL21 (Q9HBE4) recombinant protein expressed in *Escherichia Coli*.
Sequence	MQDRHMIRMR QLIDIVDQLK NYVNDLVPEF LPAPEDVETN CEWSAFSCFQ KAQLKSANTG NN ERIINVSI KKLKRKPPST NAGRRQKHRL TCPSCDSYEK KPPKEFLERF KSLLQKMIHQ HLSSRT HGSE DS
Host	Escherichia coli
Theoretical MW (kDa)	15.4
Form	Lyophilized
Preparation Method	*Escherichia coli* 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

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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

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

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