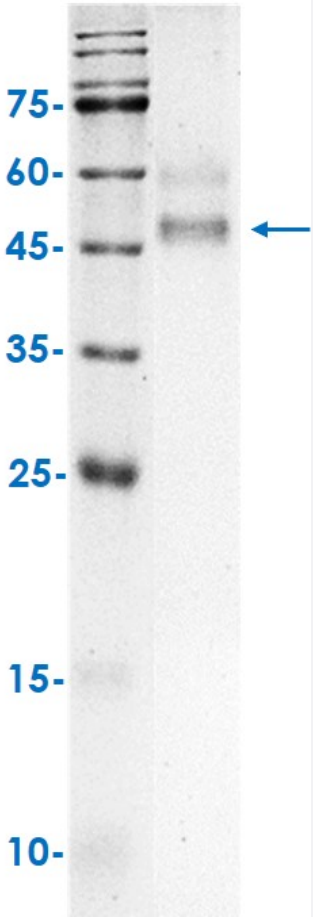
IL21 (Human) Recombinant Protein

Catalog # P10570 Size 100 ug

Applications



SDS-PAGE analysis of IL21 (Human) Recombinant Protein.

Specification

Product Description	Human IL21 partial recombinant protein with His tag expressed in CHO cells.

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Sequence	MNRGVPFRHLLLVLQLALLPAATQGKKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIKILGNQG SFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQLLVFGLTANSDTHL LQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSGTWTCTVLQNQKKVEFKID IVVLAFQKASSIVYKKEGEQVEFSFPLAFTVEKLTGSGELWWQAERASSSKSWITFDLKNKEVSV KRVTQDPKLQMGKKLPLHLTLPQALPQYAGSGNLTLALEAKTGKLHQEVNLVVMRATQLQKNLTC EVWGPTSPKLMLSLKLENKEAKVSKREKAVWVLNPEAGMWQCLLSDSGQVLLESNIKVLPTW
Host	Mammals
Theoretical MW (kDa)	41.52
Reactivity	Human
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purification	Ni-NTA chromatography
Purity	> 80% by SDS-PAGE
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue SDS-PAGE analysis of IL21 (Human) Recombinant Protein.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from filtered PBS, pH 7.4.
Storage Instruction	Store at -20°C for 12 months in lyophilized state. After reconstitution with deionized water, store at -20 or -80°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL21

Entrez GeneID	59067
Protein Accession#	AAH25782.1
Gene Name	IL21

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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

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- Inflammation
- Lupus Erythematosus
- Multiple Sclerosis
- Prostatic Neoplasms
- Respiratory Syncytial Virus Infections
- Wegener Granulomatosis

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