

Active Recombinant Human IL21 protein

Cat. No. IL21-371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL21 protein(Q9HBE4-1) (Gln 23-Ser 155) was expressed and purified in E. coli, with an initial Met.
Species	Human
Source	E. coli
ProteinLength	23-155 aa
Form	Lyophilized from sterile 20mM NaAc, 150mM NaCl, pH 5.5.
Bio-activity	1. Measured by its ability to bind human IL-21R in a functional ELISA. 2. Measured by its ability to induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 0.4-2 ng/ml.
Molecular Mass	The recombinant human IL-21 consisting of 134 amino acids and has a calculated molecular mass of 15.6 kDa. It migrates as an approximately 17 kDa band in SDS-PAGE under reducing conditions.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL21 interleukin 21 [Homo sapiens]
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Official Symbol	IL21
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Synonyms	IL21; interleukin 21; interleukin-21; IL 21; Za11; interleukin-21 isoform; IL-21;
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Gene ID	59067
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mRNA Refseq	NM_001207006
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Protein Refseq	NP_001193935
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MIM	605384
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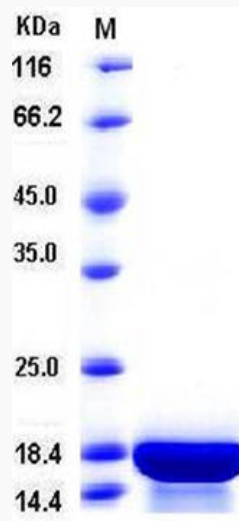
UniProt ID	Q9HBE4
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SDS-PAGE



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