

Product Datasheet

Human IL21 protein (Active) (orb358984)

Catalog Number	orb358984
Category	Proteins
Description	This Human IL21 protein (Active) spans the amino acid sequence from region 23-155aa. Purity: > 97% as determined by SDS-PAGE and HPLC.
Tag	Tag-Free
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Purity	> 97% as determined by SDS-PAGE and HPLC.
Protein Sequence	QGQDRHMIRMRLIDIVDQLKNYVNDLVPEFLPAPEDVETNCEWSAFSCFQKAQLKSANT GNNERIINVSIKLLKRKPPSTNAGRRQKHRLTCPSCDSEYKPKPEFLERFKSLLQKMIHQHL SSRTHGSEDS
Protein Length	Full Length of Mature Protein
UniProt ID	Q9HBE4
MW	15.4 kDa
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Endotoxins	Less than 1.0 EU/µg as determined by LAL method.
Source	E.Coli

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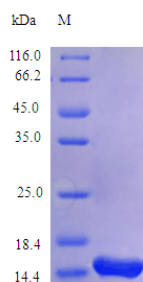
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Biological Origin	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by by a cell proliferation assay using human N1186 T cells is less than 20 ng/ml, corresponding to a specific activity of $\geq 5.0 \times 10^4$ IU/mg.
Expression Region	23-155aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



SDS-PAGE gel analysis of orb358984.

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