Human IL-21 Protein

Catalog # IL21-HP001 Form: Lyophilized

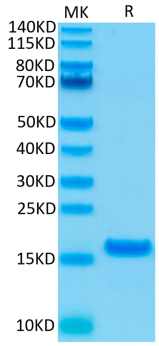
Product Details

Product description	Recombinant Human IL-21 Protein is expressed in E. coli without tag. It contains amino acid residues Gln32-Ser162 (UniProt accession: Q9HBE4-1).
Molecular aliases	Interleukin-21; IL-21; Za11; CVID11
Expression system	E. coli
Molecular weight	The protein has a predicted MW of 15.4 kDa same as Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in 20mM NaAc, 150mM NaCl (pH 5.5). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in 20mM NaAc (pH 5.5). Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human IL-21 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.