Human IL-7 Protein

Catalog # IL7-HP001 Form: Lyophilized

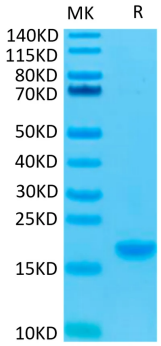
Product Details

Product description	Recombinant Human IL-7 Protein is expressed in E. coli without tag. It contains amino acid residues Asp26-His177 (UniProt accession: P13232).
Molecular aliases	IL7; Interleukin-7; IL-7; Lymphopoietin-1; PBGF
Expression system	E. coli
Molecular weight	The protein has a predicted MW of 17.5 kDa same as Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 8.0). 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 distilled water. 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-7 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.