Human IL-2 R beta&IL-2 R gamma Protein

Catalog # IL2RBIL2RG-HF001 Form: Lyophilized

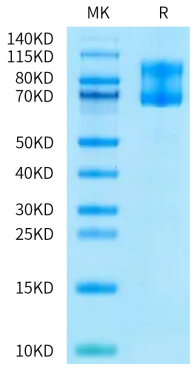
Product Details

Product description	Recombinant Human IL-2 R beta&IL-2 R gamma Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus of IL-2 R beta and IL-2 R gamma. It contains amino acid residues Ala27-Thr240 (IL-2 R beta) and Leu23-Ala262 (IL-2 R gamma) (accession: P14784(IL-2 R beta) & P31785-1(IL-2 R gamma)).
Molecular aliases	IL-2RB&IL-2RG; IL-2RG; IL-2R subunit gamma; IL-2R subunit beta; IL-2RB; IL15RB; IL-2 R beta&IL-2 R gamma; IL-2R subunit β; IL-2 R β&IL-2 R gamma; IL-2Rγ; IL-2R γ; IL-2 Rγ; IL-2 R γ;IL2RB&IL2RG; IL2RG; IL2R subunit gamma; IL2R subunit beta; IL2RB; IL2R beta&IL2R gamma; IL2R subunit β; IL2R β&IL2R gamma; IL2Rγ; IL2R γ;IL-2R subunit b; IL2R subunit b; IL-2 R b&IL-2 R gamma; IL2R b&IL2R gamma; IL-2R gamma; IL2R gamma; IL-2R g; IL2R g; IL-2 Rg; IL-2 R gamma; IL-2 R g
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 51.3 kDa (IL-2 R beta) and 54.6 kDa (IL-2 R gamma). Due to glycosylation, the protein migrates to 65-70 kDa and 80-100 kDa based on Bis-Tris PAGE result.
Purity	> 90% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). 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-2 R beta&IL-2 R gamma on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.