Human FcRn Protein

Catalog # FCRN-HP001 Form: Lyophilized

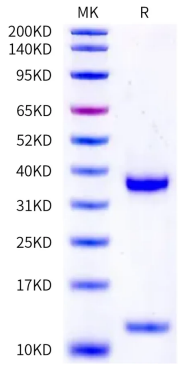
Product Details

Product description	Recombinant Human FcRn Protein is expressed in HEK293 cells with a His tag at the C-terminus of FCGRT. It contains amino acid residues Ala24-Ser297(FCGRT) and Ile21-Met119(B2M) (accession: P55899-1(FCGRT) & P61769-1(B2M)).
Molecular aliases	FcRn alpha chain; FCGRT; FCRN; FCGRT&B2M
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 31.5 kDa (FCGRT)&11.7 kDa (B2M). Due to glycosylation, the protein migrates to 35-40 kDa (FCGRT)&13-14 kDa (B2M) based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per ug by the LAL method.
Formulation	Lyophilized from 0.22 μm 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 FcRn on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.