Cynomolgus/Rhesus macaque FcRn Protein

Catalog # FCRN-CP001 Form: Lyophilized

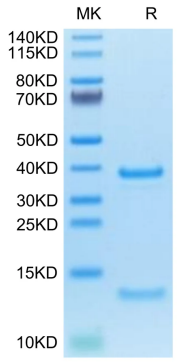
Product Details

Product description	Recombinant Cynomolgus/Rhesus macaque 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: Q8SPV9(FCGRT) & Q8SPW0(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) and 11.6 kDa (B2M). Due to glycosylation, the protein migrates to 35-38 kDa (FCGRT) and 13-15 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 μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in 20mM PB, 250mM NaC (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

Cynomolgus/Rhesus macaque FcRn on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.