Rat FcRn Protein

Catalog # FCRN-RP001 Form: Lyophilized

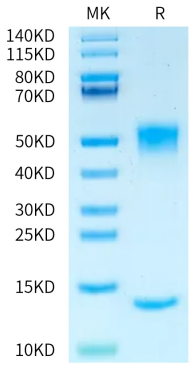
Product Details

Product description	Recombinant Rat FcRn Protein is expressed in HEK293 cells with a His tag at the C-terminus of FCGRT. It contains amino acid residues Ala23-Ser298 (FCGRT) and Ile21-Met119 (B2M) (accession: P13599(FCGRT) & P07151(B2M)).
Molecular aliases	FcRn alpha chain; FCGRT; FCRN; FCGRT&B2M
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 32.60 kDa (FCGRT) and 11.63 kDa (B2M). Due to glycosylation, the protein migrates to 45-60 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 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

Rat FcRn on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.