# Biotinylated Rat FcRn Protein

Catalog # FCRN-RB001 Form: Lyophilized

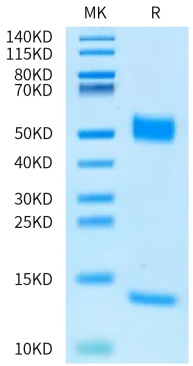
## Product Details

| | |
|---|---|
| **Product description** | Recombinant Biotinylated Rat FcRn Protein is expressed in HEK293 cells with a His tag and Avi 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 33.9 kDa (FCGRT) and 11.63 kDa (B2M). Due to glycosylation, the protein migrates to 45-60 kDa (FCGRT) and 12-14 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 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**

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