

Active Recombinant Cynomolgus/Rhesus macaque FCGRT & B2M protein, His-tagged

Cat. No. FCGRT & B2M-1533C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Cynomolgus/Rhesus macaque FCGRT & B2M protein(Q8SPV9(FCGRT) & Q8SPW0(B2M))(Ala24-Ser297 (FCGRT) and Ile21-Met119 (B2M)) is expressed from HEK293 with His tag at the C-Terminus.
Species	Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	24-297 aa(FCGRT) & 21-119 aa(B2M)
Form	Lyophilized from 0.22 µm filtered solution in 20mM PB, 250mM NaC (pH 8.0).
Bio-activity	Immobilized Cynomolgus/Rhesus macaque FcRn, His Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-FcRn Antibody, hFc Tag with the EC50 of 8.0 ng/ml determined by ELISA.
Molecular Mass	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.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

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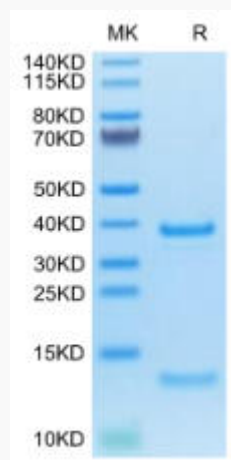
Storage

-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

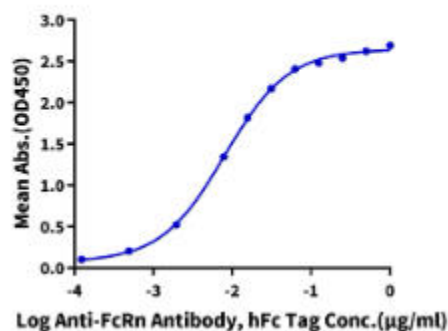
Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



ELISA Data

Cynomolgus/Rhesus macaque FcRn, His Tag ELISA
0.2µg Cynomolgus/Rhesus macaque FcRn, His Tag Per Well



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