

Active Recombinant Canine FCGRT&B2M protein, His-Avi-tagged, Biotinylated

Cat. No. FCGRT&B2M-1417C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Canine FCGRT&B2M protein(Ala23-Pro298 Val28-Asn125), fused with His and Avi tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	23-298;28-125 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Monoclonal Anti-Human CTLA-4 Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Canine FcRn / FCGRT&B2M Heterodimer, His,Avitag&Tag Free with a linear range of 0.039-2.5 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 28.3 kDa 11.5 kDa. The protein migrates as 14.4 kDa and 38-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala23-Pro298 Val28-Asn125
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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