Human FCGRT and B2M Heterodimer Protein, His Tag and Flag Tag

Cat. No. PME101851

DIMA BIOTECH

PRODUCT INFORMATION

Target	FCGRT and B2M
Synonyms	FCRN, FcgammaRn, alpha-chain and IMD43, AMYLD6, MHC1D4
Description	Recombinant human FCGRT protein with C-terminal 6×His tag and human B2M protein with C-terminal Flag tag
Delivery	In Stock
Uniprot ID	P55899 and P61769
Expression Host	HEK293
Tag	C-6×His tag and C-Flag tag
Molecular Characterization	FCGRT(Ala24-Ser297) 6×His tag B2M(Ile21-Met119) Flag tag
Molecular Weight	The protein has a predicted molecular mass of 33.0 and 14.4 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	FcRn complex consist of two subunits: p51, and p14 which is equivalent to beta-2-microglobulin. It forms an MHC class I-like heterodimer
Usage	Research use only
Conjugate	Unconjugated

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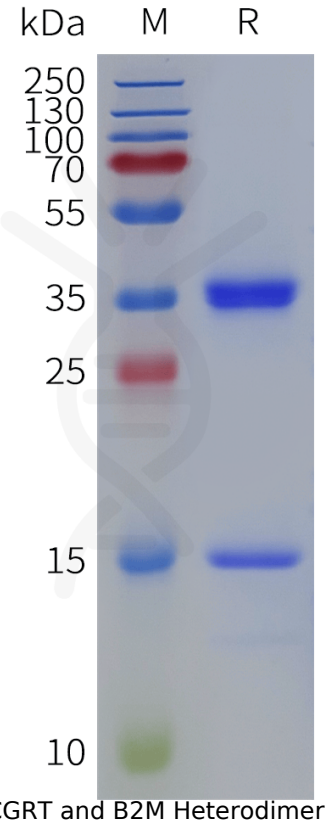

Figure 1. Human FCGRT and B2M Heterodimer Protein, His Tag and Flag Tag on SDS-PAGE under reducing condition.

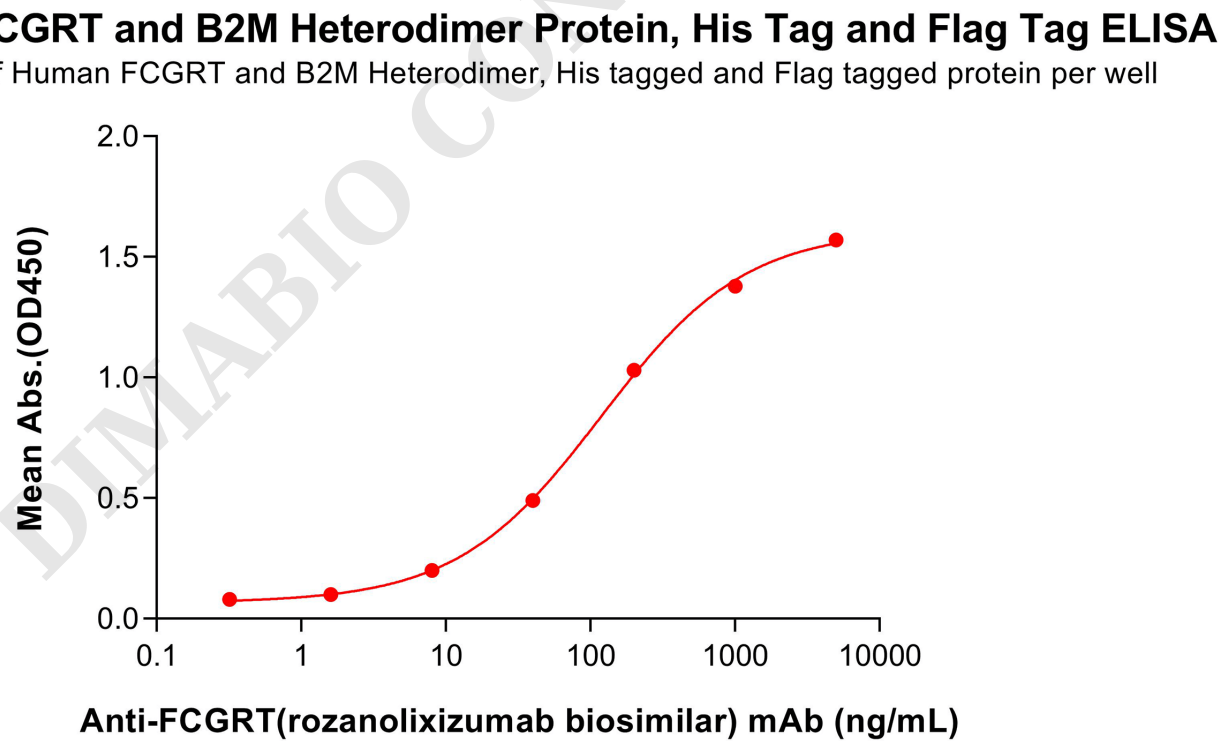

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FCGRT and B2M Heterodimer Protein, His Tag and Flag Tag (PME101851) can bind Anti-FCGRT(rozanolixizumab biosimilar) mAb (BME100658) in a linear range of 80–200 ng/mL.

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