PRODUCT INFORMATION

Target	FCGRT
Synonyms	FCRN; FcgammaRn; alpha-chain
Description	Recombinant human FCGRT Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P55899
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	FCGRT(Ala24-Ser297) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 31.7 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	This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Usage	Research use only
Conjugate	Unconjugated

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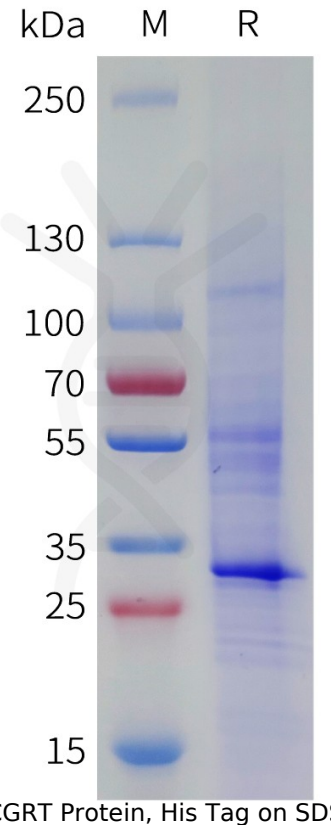


Figure 1. Human FCGRT Protein, His Tag on SDS-PAGE under reducing condition.

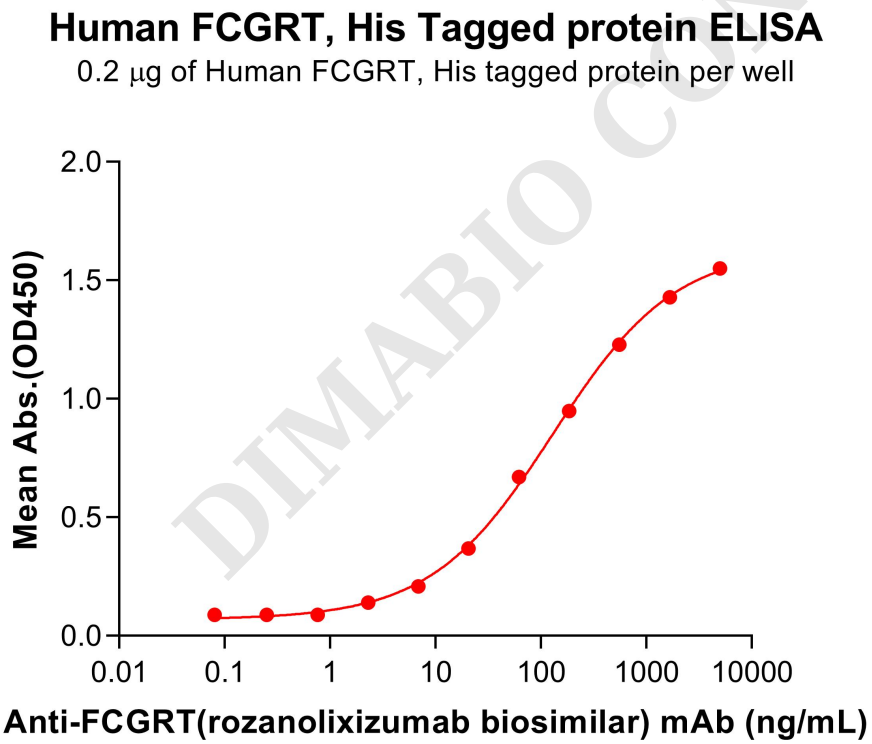


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FCGRT Protein, His Tag (PME101795) can bind Anti-FCGRT(rozanolixizumab biosimilar) mAb (BME100658) in a linear range of 20.58–185.19 ng/mL.

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