PRODUCT INFORMATION

Target	GPRC5D
Synonyms	GPRC5D
Description	Recombinant Cynomolgus GPRC5D protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	F6Y5U7
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	cGPRC5D(Met1-Pro21) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 28.5 kDa after removal of the signal peptide.The apparent molecular mass of cGPRC5D-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% 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	The protein encoded by this gene is a member of the G protein-coupled receptor family, however, the specific function of this gene has not yet been determined.
Usage	Research use only
Conjugate	Unconjugated

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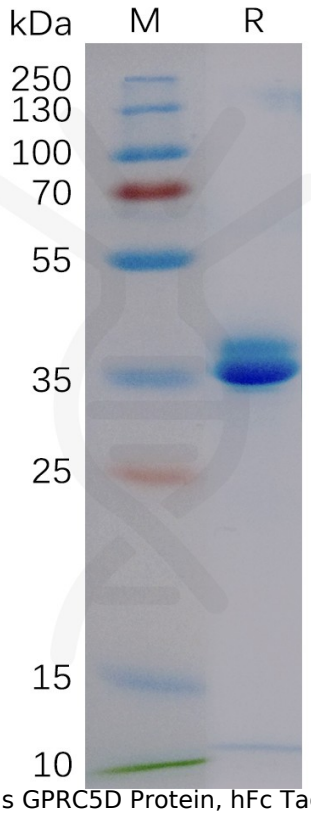


Figure 1. Cynomolgus GPRC5D Protein, hFc Tag on SDS-PAGE under reducing condition.

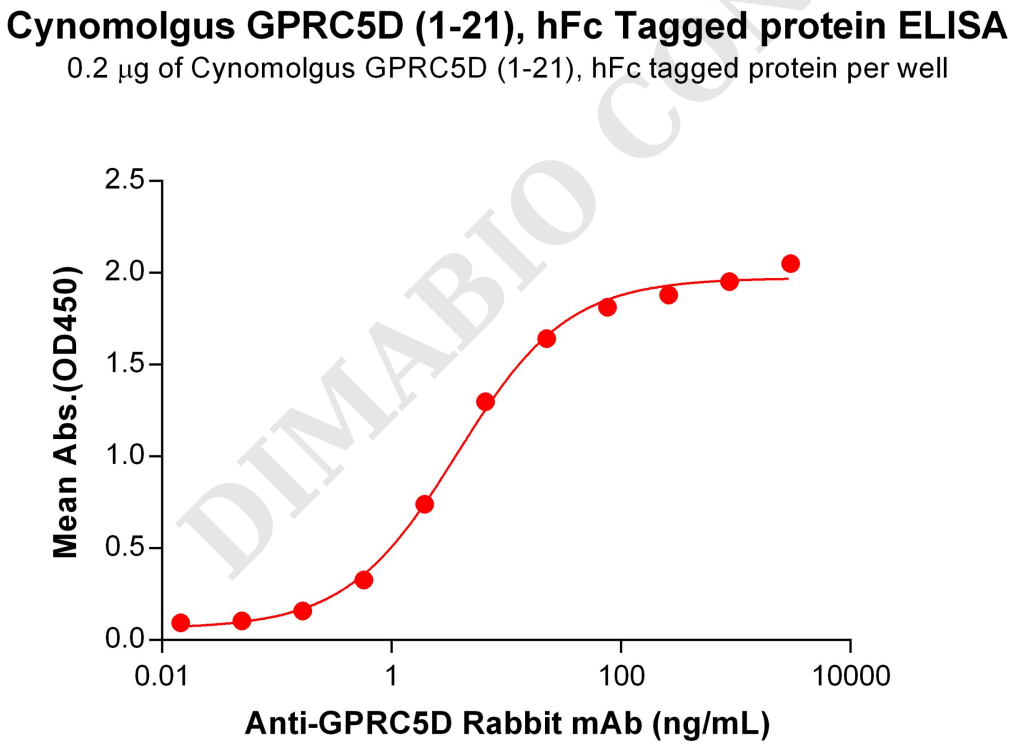


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Cynomolgus GPRC5D (1-21) Protein, hFc Tag (PME100561) can bind Anti-GPRC5D antibody (DM91), Rabbit mAb DME100091 in a linear range of 0.57–76.33 ng/mL.

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