PRODUCT INFORMATION

Target	GPR75
Synonyms	GPRchr2;WI31133
Description	Recombinant Human GPR75 Protein with C-terminal mouse Fc tag
Delivery	In Stock
Uniprot ID	O95800
Expression Host	HEK293
Tag	C-Mouse Fc Tag
Molecular Characterization	GPR75(Met1-Thr46) mFc(Pro99-Lys330)
Molecular Weight	The protein has a predicted molecular mass of 31.1 kDa after removal of the signal peptide. The apparent molecular mass of GPR75-mFc 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	GPR75 is a member of the G protein-coupled receptor family. GPRs are cell surface receptors that activate guanine-nucleotide binding proteins upon the binding of a ligand.[supplied by OMIM, Jul 2002]
Usage	Research use only
Conjugate	Unconjugated

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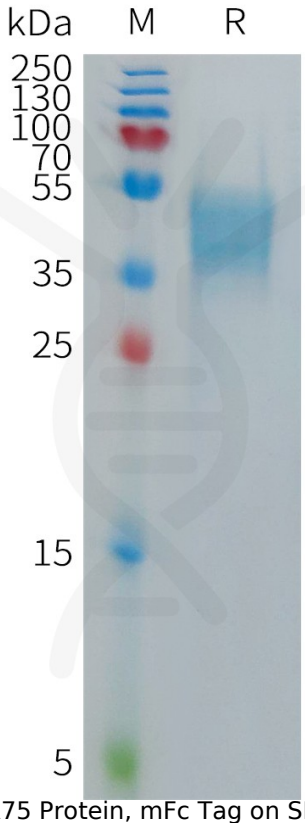


Figure 1.Human GPR75 Protein, mFc Tag on SDS-PAGE under reducing condition.

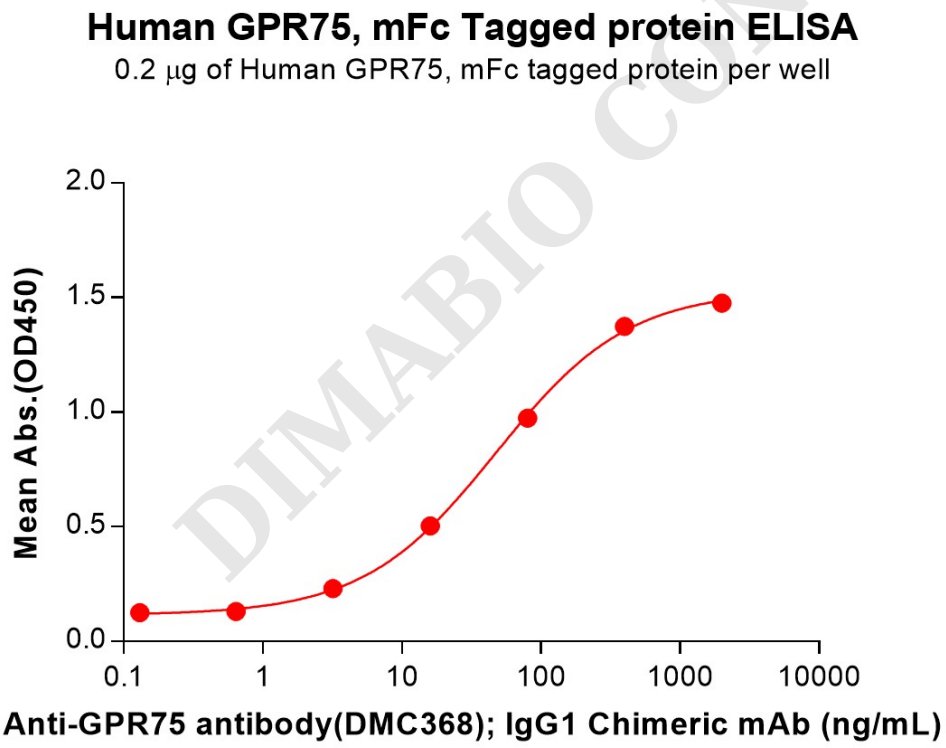


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human GPR75 Protein, mFc Tag (PME101277) can bind Anti-GPR75 antibody(DMC368), IgG1 Chimeric mAb (DMC100368) in a linear range of 16–400 ng/mL.

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