

PRODUCT INFORMATION

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| 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 |



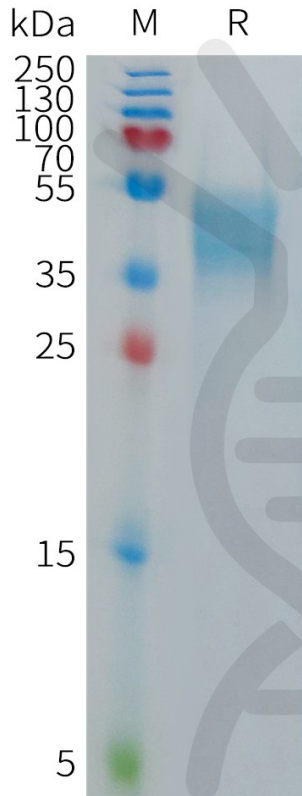


Figure 1. Human GPR75 Protein, mFc Tag on SDS-PAGE under reducing condition.

Human GPR75, mFc Tagged protein ELISA

0.2 μ g of Human GPR75, mFc tagged protein per well

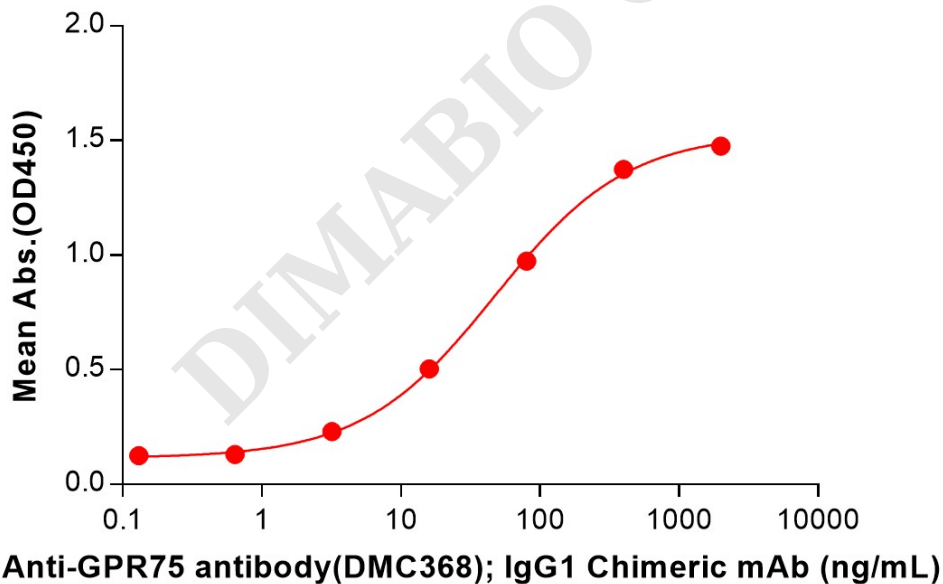


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human GPR75 Protein, mFc Tag (PME101277) can bind Anti-GPR75 antibody (DMC368), IgG1 Chimeric mAb (DMC100368) in a linear range of 16–400 ng/mL.

