

PRODUCT INFORMATION

Target GPR75

Synonyms Probable G-protein coupled receptor 75 Recombinant human GPR75 Protein with C-**Description**

terminal Human Fc tag

Delivery In Stock **Uniprot ID** 095800 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Purity

GPR75(Met1-Thr46) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

31.0 kDa after removal of the signal peptide. The apparent molecular mass of GPR75-hFc is **Molecular Weight** approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

GPR75 is a member of the G protein-coupled receptor family. GPRs are cell surface receptors that activate guanine-nucleotide binding proteins **Background**

upon the binding of a ligand [supplied by OMIM,

Email: info@dimabio.com Website: www.dimabio.com

Jul 2002]

Usage Research use only Conjugate Unconjugated





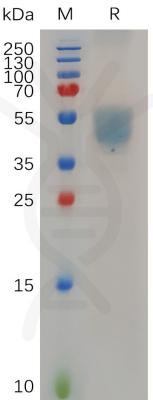


Figure 1.Human GPR75, hFc Tag on SDS-PAGE under reducing condition.

Human GPR75, hFc Tagged protein ELISA

0.2 μg of Human GPR75, hFc tagged protein per well

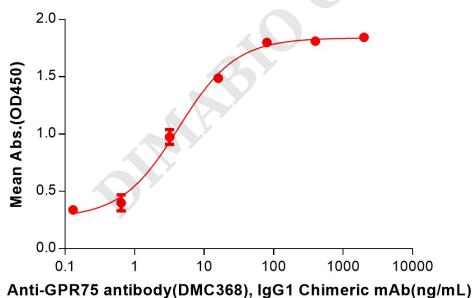


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human GPR75 Protein, hFc Tag (PME100704) can Anti-GPR75 antibody(DMC368), IgG1 Chimeric mAb in a linear range of 0.64–16 ng/mL.

Email: info@dimabio.com Website: www.dimabio.com

