

HUMAN GPR75 PROTEIN, HFC TAG

Cat.#: 11497

Product Name: Human GPR75 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Probable G-protein coupled receptor 75

Target: GPR75

UNIPROT ID: O95800

Description: Recombinant human GPR75 Protein with C-terminal Human Fc tag

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]

Species/Host: HEK293

Molecular Weight: 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 approximately 35-55 kDa due to glycosylation.

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

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

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

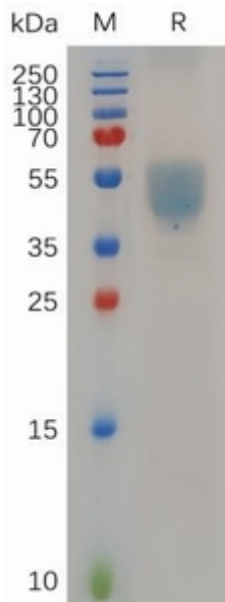


Figure 1. Human GPR75, hFc Tag on SDS-PAGE under reducing condition.