

**HUMAN GPR75 PROTEIN, MFC TAG**

**Cat.#:** 11934

**Product Name:** Human GPR75 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** GPRchr2;WI31133

**Target:** GPR75

**UNIPROT ID:** O95800

**Description:** Recombinant Human GPR75 Protein with C-terminal mouse 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 31.1 kDa after removal of the signal peptide. The apparent molecular mass of GPR75-mFc is approximately 35-55 kDa due to glycosylation.

**Molecular Characterization:** GPR75(Met1-Thr46) mFc(Pro99-Lys330)

**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.

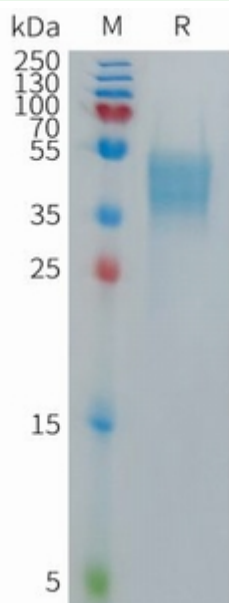


Figure 1. Human GPR75 Protein, mFc Tag on SDS-PAGE under reducing condition.