

## HUMAN GPR87 PROTEIN, MFC TAG

**Cat.#:** 11778

**Product Name:** Human GPR87 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** GPR95;FKSG78

**Target:** GPR87

**UNIPROT ID:** Q9BY21

**Description:** Recombinant human GPR87 protein with C-terminal mouse Fc tag

**Background:** This gene encodes a G protein-coupled receptor and is located in a cluster of G protein-coupled receptor genes on chromosome 3. The encoded protein has been shown to be overexpressed in lung squamous cell carcinoma (PMID:18057535) and regulated by p53 (PMID:19602589). [provided by RefSeq, Nov 2011]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 31.3 kDa after removal of the signal peptide. The apparent molecular mass of GPR87-mFc is approximately 35-55 kDa due to glycosylation.

**Molecular Characterization:** GPR87(Met1-Pro46) 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.

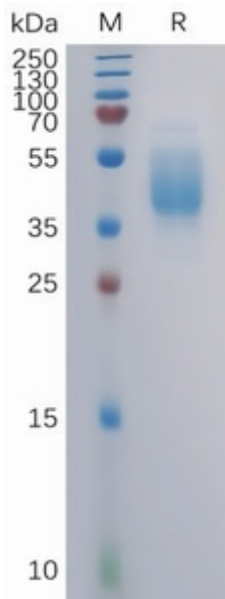


Figure 1. Human GPR87 Protein, mFc Tag on SDS-PAGE under reducing condition.