HUMAN GPR87 PROTEIN, HFC TAG

Cat.#: 11458

Product Name: Human GPR87 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: FKSG78;GPR95;KPG_002

Target: GPR87

UNIPROT ID: Q9BY21

Description: Recombinant Human GPR87 with C-terminal human Fc tag

Background: This gene encodes a G protein-coupled receptor and is located in a cluster of G protein-couple 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 31.1 kDa after removal of the signal peptide. The apparent molecular mass of GPR87-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: GPR87(Met1-Pro46) 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.

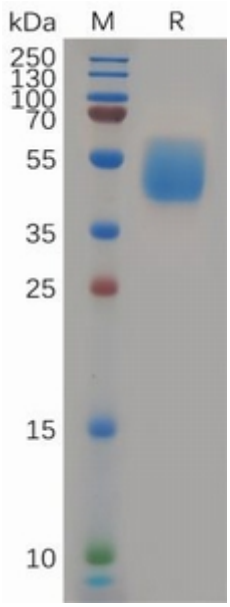

Figure 1. Human GPR87 Protein, hFc Tag on SDS-PAGE under reducing condition.