PRODUCT INFORMATION

Target	GPR87
Synonyms	FKSG78;GPR95;KPG_002
Description	Recombinant Human GPR87 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9BY21
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GPR87(Met1-Pro46) hFc(Glu99-Ala330)
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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]
Usage	Research use only
Conjugate	Unconjugated

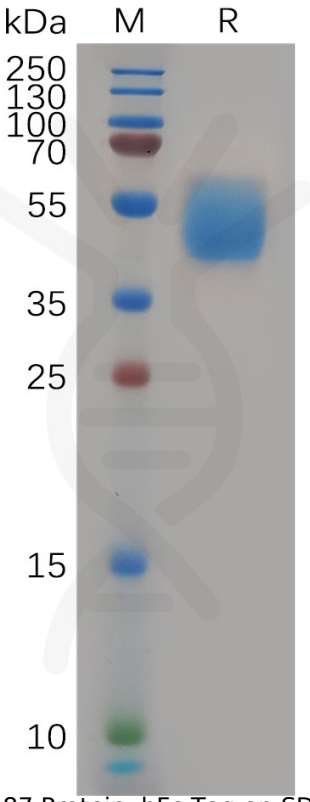

Figure 1. Human GPR87 Protein, hFc Tag on SDS-PAGE under reducing condition.