PRODUCT INFORMATION

Target	GPR87
Synonyms	GPR95;FKSG78
Description	Recombinant human GPR87 protein with C-terminal mouse Fc tag
Delivery	In Stock
Uniprot ID	Q9BY21
Expression Host	HEK293
Tag	C-Mouse Fc Tag
Molecular Characterization	GPR87(Met1-Pro46) mFc(Pro99-Lys330)
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.
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.
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

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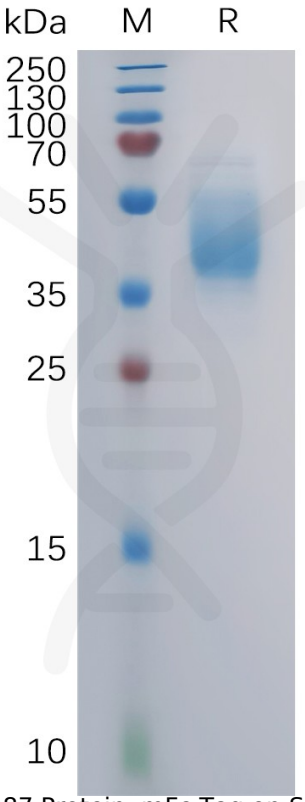


Figure 1. Human GPR87 Protein, mFc Tag on SDS-PAGE under reducing condition.

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