PRODUCT INFORMATION

Target	GPR81
Synonyms	HCA1;HCAR1;LACR1;FKSG80;GPR104;TAGPCR;TA-GPCR
Description	Recombinant Human GPR81 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9BXC0
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GPR81(Met1-Leu21) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 28.4 kDa after removal of the signal peptide. The apparent molecular mass of GPR81-hFc is approximately 25-55 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	G protein-coupled receptors (GPCRs, or GPRs), such as GPR81, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.[supplied by OMIM, Feb 2005]
Usage	Research use only
Conjugate	Unconjugated

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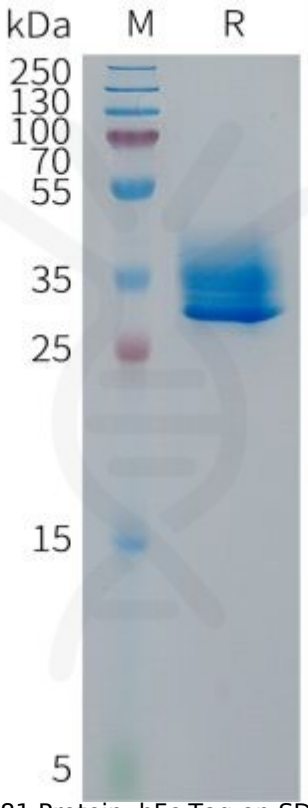


Figure 1.Human GPR81 Protein, hFc Tag on SDS-PAGE under reducing condition.

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