

## **PRODUCT INFORMATION**

GPR81 **Target** 

**Synonyms** HCA1;HCAR1;LACR1;FKSG80;GPR104;TAGPCR;TA-GPCR

Recombinant Human GPR81 Protein with C-terminal **Description** 

human Fc tag

**Delivery** In Stock **Uniprot ID** Q9BXC0 **Expression Host HEK293** 

C-Human Fc Tag

Molecular

GPR81(Met1-Leu21) hFc(Glu99-Ala330) Characterization

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 **Molecular Weight** 

kDa due to glycosylation.

**Purity** 

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for Formulation & Reconstitution

specific instructions of reconstitution.

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 Storage & Shipping

at ambient temperature.

G protein-coupled receptors (GPCRs, or GPRs), such as GPR81, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric

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G proteins.[supplied by OMIM, Feb 2005]

Usage Research use only

Conjugate Unconjugated

**Background** 





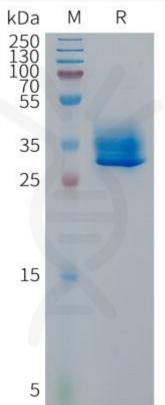


Figure 1.Human GPR81 Protein, hFc Tag on SDS-PAGE under reducing condition.

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