

## **PRODUCT INFORMATION**

**Target** GPR55

**Synonyms** G-protein coupled receptor 55

Recombinant human GPR55(1-21) protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock Q9Y2T6 **Uniprot ID Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Background** 

GPR55(Met1-Thr21) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

28.5 kDa after removal of the signal peptide. The apparent molecular mass of GPR55(1-21)-hFc is **Molecular Weight** approximately 35-40 kDa due to glycosylation.

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

staining.

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

for 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 Storage & Shipping

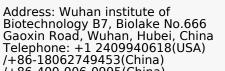
at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene belongs to the G-protein-coupled receptor superfamily. The encoded integral membrane protein is a likely cannabinoid receptor. It may be involved in several

physiological and pathological processes by activating a variety of signal transduction pathways. [provided by RefSeq, Aug 2013]

Usage Research use only Conjugate Unconjugated



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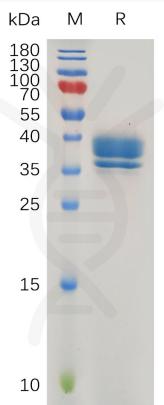
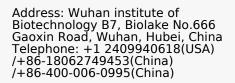


Figure 1. Human GPR55(1-21) Protein, hFc Tag on SDS-PAGE under reducing condition.



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