

PRODUCT INFORMATION

Target GPR20

Synonyms G-protein coupled receptor 20

Recombinant Human GPR20 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q99678 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

GPR20(Met1-Thr48) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

31.0 kDa after removal of the signal peptide. The apparent molecular mass of GPR20-hFc is **Molecular Weight**

approximately 25-35 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.

Enables G protein-coupled receptor activity. Predicted to be involved in positive regulation of Rho protein signal transduction and positive regulation of cytosolic calcium ion concentration involved in phospholipase C-activating G protein-coupled signaling pathway. Located in cytosol and plasma membrane. Is integral component of

plasma membrane. Part of receptor complex. provided by Alliance of Genome Resources, Apr

20221

Usage Research use only

Conjugate Unconjugated









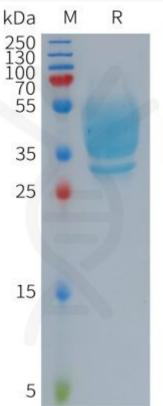


Figure 1.Human GPR20 Protein, hFc Tag on SDS-PAGE under reducing condition.



