Description



PRODUCT INFORMATION

Target GPR18

Synonyms R518, GPCR18, G protein-coupled receptor 18 Recombinant human GPR18 Protein with C-

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q14330 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

GPR18(Met1-Lys22) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 28.7 kDa after removal of the signal peptide.

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 Formulation &

Reconstitution lyophilization. Please see Certificate of Analysis 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 at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

GPR18 (G protein-coupled receptor 18) is a G-protein coupled receptor (GPCR) expressed in immune cells, brain, and peripheral tissues. It couples to Gi/o proteins, modulating cAMP levels, intracellular calcium, and MAPK signaling

pathways. GPR18 is involved in immune

Background regulation, inflammation, and cell migration, and

has been implicated in cardiovascular, neurological, and metabolic processes. It is considered a potential therapeutic target for immune-related disorders, inflammation, and

cancer.

Usage Research use only

Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com





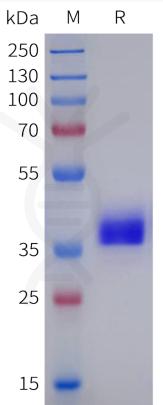


Figure 1. Human GPR18 Protein, hFc Tag on SDS-PAGE under reducing condition.

