

PRODUCT INFORMATION

GPR183 Target

EBI2, Epstein-Barr virus-induced G-protein **Synonyms**

coupled receptor 2, EBI2R

Recombinant human GPR183 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock P32249 **Uniprot ID Expression Host HFK293**

Tag C-Human Fc tag

Molecular

Purity

Background

GPR183(Met1-Arg31) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 29.5 kDa after removal of the signal peptide.

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 % Formulation & - 8% trehalose is added as protectants before 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

témperature.

GPR183 (EBI2 / G protein-coupled receptor 183) is a G-protein coupled receptor (GPCR) primarily expressed in B cells, T cells, and dendritic cells. It couples to Gi proteins, inhibiting adenylyl cyclase and modulating intracellular cAMP. GPR183 regulates immune cell migration, positioning within lymphoid tissues, and adaptive immune

responses. Dysregulation is implicated in autoimmune diseases, lymphoid malignancies, and chronic inflammation, making GPR183 a potential therapeutic target in immunology and

oncology.

Usage Research use only Conjugate Unconjugated

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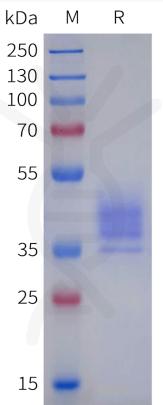
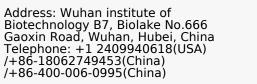


Figure 1. Human GPR183 Protein, hFc Tag on SDS-PAGE under reducing condition.



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