PRODUCT INFORMATION

Target	GPR183
Synonyms	EBI2, Epstein-Barr virus–induced G-protein coupled receptor 2, EBI2R
Description	Recombinant human GPR183 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P32249
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	GPR183(Met1-Arg31) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 29.5 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at ambient temperature.
Background	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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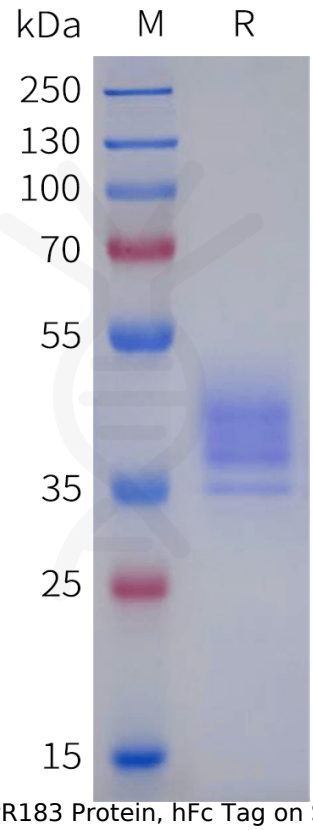

Figure 1. Human GPR183 Protein, hFc Tag on SDS-PAGE under reducing condition.

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