

## **PRODUCT INFORMATION**

GPR15 **Target** 

GPR15, BOB, G protein-coupled receptor 15, **Synonyms** 

HPT-3-2

Recombinant human GPR15 Protein with C-**Description** 

terminal human Fc tag

Delivery In Stock P49685 **Uniprot ID Expression Host** HFK293

Tag C-Human Fc tag

Molecular

**Background** 

GPR15(Met1-Ser33) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 30.0 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 % 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

temperature.

GPR15 (G protein-coupled receptor 15 / BOB) is a G-protein coupled receptor (GPCR) expressed in T cells, colon, and vascular endothelium. It

primarily couples to Gi/o proteins, modulating cAMP levels and intracellular signaling pathways.

GPR15 functions as a lymphocyte homing receptor, directing T cell migration to the colon and mucosal tissues, and is implicated in immune regulation, inflammation, and HIV/SIV entry. Dysregulation of GPR15 is associated with autoimmune and inflammatory diseases, making it a potential therapeutic target in immunology.

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Usage Research use only

Conjugate Unconjugated





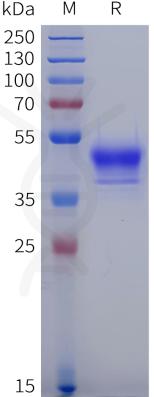


Figure 1. Human GPR15 Protein, hFc Tag on SDS-PAGE under reducing condition.

