PRODUCT INFORMATION

Target	GPR6
Synonyms	GPR6
Description	Recombinant human GPR6 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P46095
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	GPR6(Met1-Pro74) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 32.8 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	Predicted to enable sphingosine-1-phosphate receptor activity. Predicted to be involved in adenylate cyclase-activating G protein-coupled receptor signaling pathway and regulation of metabolic process. Predicted to act upstream of or within positive regulation of cytosolic calcium ion concentration. Predicted to be located in membrane. Predicted to be active in cytoplasm and plasma membrane. [provided by Alliance of Genome Resources, May 2025]
Usage	Research use only
Conjugate	Unconjugated

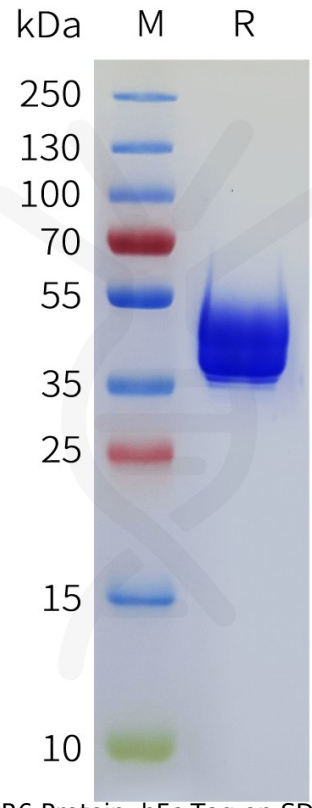

Figure 1. Human GPR6 Protein, hFc Tag on SDS-PAGE under reducing condition.