

PRODUCT INFORMATION

Target	GPR20
Synonyms	G-protein coupled receptor 20
Description	Recombinant Human GPR20 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q99678
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GPR20(Met1-Thr48) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.0 kDa after removal of the signal peptide. The apparent molecular mass of GPR20-hFc is approximately 25-35 kDa due to glycosylation.
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	Enables G protein-coupled receptor activity. Predicted to be involved in positive regulation of Rho protein signal transduction and positive regulation of cytosolic calcium ion concentration involved in phospholipase C-activating G protein-coupled signaling pathway. Located in cytosol and plasma membrane. Is integral component of plasma membrane. Part of receptor complex. [provided by Alliance of Genome Resources, Apr 2022]
Usage	Research use only
Conjugate	Unconjugated





Figure 1. Human GPR20 Protein, hFc Tag on SDS-PAGE under reducing condition.

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