PRODUCT INFORMATION

Target	GPR132
Synonyms	G2A
Description	Recombinant human GPR132 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9UNW8
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GPR132(Met1-Leu45) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 30.9 kDa after removal of the signal peptide. The apparent molecular mass of GPR132-hFc is approximately 35-55 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	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein was reported to be a receptor for lysophosphatidylcholine action, but PubMedID: 15653487 retracts this finding and instead suggests this protein to be an effector of lysophosphatidylcholine action. This protein may have proton-sensing activity and may be a receptor for oxidized free fatty acids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Usage	Research use only
Conjugate	Unconjugated

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Human GPR132 Protein, hFc Tag

Cat. No. PME101353

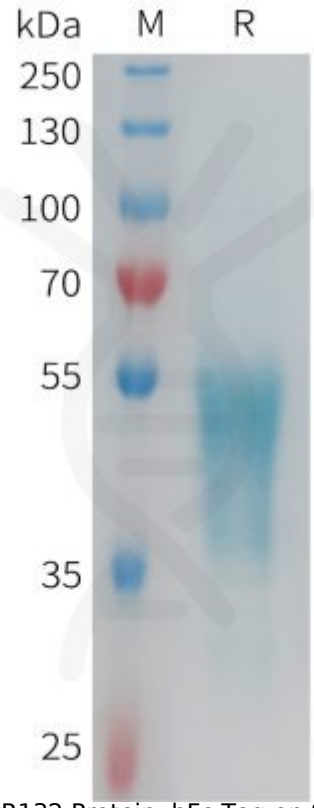


Figure 1. Human GPR132 Protein, hFc Tag on SDS-PAGE under reducing condition.

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