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Datasheet for ABIN7538254

G Protein-Coupled Receptor 132 Protein (GPR132) (AA 1-45) (Fc Tag)

Overview

Quantity:	50 µg
Target:	G Protein-Coupled Receptor 132 (GPR132)
Protein Characteristics:	AA 1-45
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This G Protein-Coupled Receptor 132 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human GPR132 Protein with C-terminal human Fc tag
Specificity:	GPR132 (Met1-Leu45) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	G Protein-Coupled Receptor 132 (GPR132)
Alternative Name:	GPR132 (GPR132 Products)
Background:	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled

Target Details

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]

Molecular Weight: predicted molecular mass of 30.9 kDa after removal of the signal peptide. The apparent molecular mass of GPR132-hFc is 35-55 kDa due to glycosylation.

UniProt: [Q9UNW8](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months