GPR52 Human Protein

PRODUCT OVERVIEW

Product Name	GPR52, Protein
Full Product Name	Human GPR52-Strep full length protein-synthetic nanodisc
Product Gene Name	GPR52 protein
Product Synonym Names	G-protein coupled receptor 52
Host	HEK293
Form/Format	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Molecular Weight	41,354 Da
OMIM	604106
3D Structure	ModBase 3D Structure for Q9Y2T5
Tag	C-DYKDDDDK&Strep
Product Categories/Family for GPR52 protein	GPCRDB Class A Rhodopsin-like
Related Product Information for GPR52 protein	Members of the G protein-coupled receptor (GPR) family play important roles in signal transduction from the external environment to the inside of the cell.[supplied by OMIM, Jul 2002]
Other Notes	Small volumes of GPR52 protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GPR52 purchase	MBS1883472 is a protein targeting GPR52. Also known as Human GPR52-Strep full length protein-synthetic nanodisc. Host: HEK293.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR52. It may not necessarily be applicable to this product.

NCBI GI #	187960055
NCBI GeneID	9293
NCBI Accession #	NP_005675.3
UniProt Primary Accession #	Q9Y2T5
UniProt Secondary Accession #	O75654; Q4VBL6; Q6ISM0
UniProt Related Accession #	Q9Y2T5
GenBank Nucleotide #	NM_005684.4
NCBI Official Full Name	probable G-protein coupled receptor 52
NCBI Official Synonym Full Names	G protein-coupled receptor 52

NCBI Official Symbol	GPR52
UniProt Protein Name	Probable G-protein coupled receptor 52
Protein Family	Probable G-protein coupled receptor
UniProt Gene Name	GPR52
UniProt Entry Name	GPR52_HUMAN
NCBI Protein Information	probable G-protein coupled receptor 52
UniProt Comments for GPR52	GPR52: Orphan receptor. Belongs to the G-protein coupled receptor 1 family. Protein type: GPCR, family 1; Membrane protein, multi-pass; Membrane protein, integral; Receptor, GPCR Chromosomal Location of Human Ortholog: 1q24 Cellular Component: integral to plasma membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
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