GPR27 Human Protein

PRODUCT OVERVIEW

Product Name	GPR27, Protein
Full Product Name	Human GPR27-Strep full length protein-synthetic nanodisc
Product Gene Name	GPR27 protein
Product Synonym Names	SREB1
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	39 KD
Chromosome Location	Chromosome: 3; NC_000003.11 (71803201..71804328). Location: 3p21-p14
OMIM	605187
3D Structure	ModBase 3D Structure for Q9NS67
Tag	C-DYKDDDDK&Strep
Product Categories/Family for GPR27 protein	GPCRDB Class A Rhodopsin-like
Related Product Information for GPR27 protein	GPR27 is a member of the G protein-coupled receptors (GPCRs), a large family of receptors that have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli such as neurotransmitters, hormones, or light induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins.[supplied by OMIM, May 2010]
Other Notes	Small volumes of GPR27 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 GPR27 purchase	MBS1883461 is a protein targeting GPR27. Also known as Human GPR27-Strep full length protein-synthetic nanodisc. Host: HEK293.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR27. It may not necessarily be applicable to this product.

NCBI GI #	9506747
NCBI GeneID	2850
NCBI Accession #	NP_061844.1
UniProt Primary Accession #	Q9NS67
UniProt Related Accession #	Q9NS67
GenBank Nucleotide #	NM_018971.1
NCBI Official Full Name	probable G-protein coupled receptor 27

NCBI Official Synonym Full Names	G protein-coupled receptor 27
NCBI Official Symbol	GPR27
NCBI Official Synonym Symbols	SREB1
UniProt Protein Name	Probable G-protein coupled receptor 27
UniProt Synonym Protein Names	Super conserved receptor expressed in brain 1
Protein Family	Probable G-protein coupled receptor
UniProt Gene Name	GPR27
UniProt Synonym Gene Names	SREB1
UniProt Entry Name	GPR27_HUMAN
NCBI Protein Information	probable G-protein coupled receptor 27; super conserved receptor expressed in brain 1
UniProt Comments for GPR27	GPR27: Orphan receptor. Possible candidate for amine-like G- protein coupled receptor. Belongs to the G-protein coupled receptor 1 family. Protein type: Receptor, GPCR; Membrane protein, multi-pass; GPCR, family 1; Membrane protein, integral Chromosomal Location of Human Ortholog: 3p21-p14 Cellular Component: plasma membrane; integral to membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway; signal transduction
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/protein/gpr27/1883461