ZACN Human Protein

PRODUCT OVERVIEW

Product Name	ZACN, Protein
Full Product Name	Human ZACN full length protein-synthetic nanodisc
Product Gene Name	ZACN protein
Product Synonym Names	L2; LGICZ; LGICZ1; ZAC; ZAC1
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	29,616 Da
3D Structure	ModBase 3D Structure for Q401N2
Tag	C-DYKDDDDK
Product Categories/Family for ZACN protein	Full Length Transmembrane Proteins; Ion Channels: Other
Related Product Information for ZACN protein	LGICZ1 is a zinc-activated ligand-gated ion channel that defines a new subgroup of the cysteine-loop superfamily of ligand-gated ion channels (Davies et al., 2003 [PubMed 12381728]).[supplied by OMIM, Mar 2008]
Other Notes	Small volumes of ZACN 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 ZACN purchase	MBS1883060 is a protein targeting ZACN. Also known as Human ZACN full length protein-synthetic nanodisc. Host: HEK293.

ADDITIONAL DETAILS

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

NCBI GI #	206725456
NCBI GeneID	353174
NCBI Accession #	NP_851321.2
UniProt Primary Accession #	Q401N2
UniProt Secondary Accession #	Q2TB29; Q6ZWK3; Q86YW4
UniProt Related Accession #	Q401N2
GenBank Nucleotide #	NM_180990.3
NCBI Official Full Name	zinc-activated ligand-gated ion channel
NCBI Official Synonym Full Names	zinc activated ion channel
NCBI Official Symbol	ZACN

NCBI Official Synonym Symbols	L2; ZAC; ZAC1; LGICZ; LGICZ1
UniProt Protein Name	Zinc-activated ligand-gated ion channel
UniProt Synonym Protein Names	Ligand-gated ion channel zinc-activated 1; Ligand-gated ion-channel receptor L2
Protein Family	Zinc-activated ligand-gated ion channel
UniProt Gene Name	ZACN
UniProt Synonym Gene Names	L2; LGICZ; LGICZ1; ZAC
NCBI Protein Information	zinc-activated ligand-gated ion channel
UniProt Comments for ZACN	Zinc-activated ligand-gated ion channel.
Research Articles on ZACN	**1.** analysis of ligand-gated ion-channel receptor L2 in central nervous system
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.
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