CLCC1 Human Protein

PRODUCT OVERVIEW

Product Name	CLCC1, Protein
Full Product Name	Human CLCC1 full length protein-synthetic nanodisc
Product Gene Name	CLCC1 protein
Product Synonym Names	MCLC; RP32
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	62,023 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (109472130..109506111, complement). Location: 1p13.3
3D Structure	ModBase 3D Structure for Q96S66
Tag	C-DYKDDDDK
Product Categories/Family for CLCC1 protein	Full Length Transmembrane Proteins; Ion Channels: Other
Related Product Information for CLCC1 protein	MBS1883005 is a protein targeting CLCC1. Also known as Human CLCC1 full length protein-synthetic nanodisc. Host: HEK293. Seems to act as a chloride ion channel.[UniProtKB/Swiss-Prot Function]
Other Notes	Small volumes of CLCC1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLCC1. It may not necessarily be applicable to this product.

NCBI GI #	115270970
NCBI GeneID	23155
NCBI Accession #	NP_001041675.1
UniProt Primary Accession #	Q96S66
UniProt Secondary Accession #	O94861; Q8WYP8; Q8WYP9; Q9BU25
UniProt Related Accession #	Q96S66
GenBank Nucleotide #	NM_001048210.2
NCBI Official Full Name	chloride channel CLIC-like protein 1 isoform 1
NCBI Official Synonym Full Names	chloride channel CLIC-like 1
NCBI Official Symbol	CLCC1

NCBI Official Synonym Symbols	MCLC
UniProt Protein Name	Chloride channel CLIC-like protein 1
UniProt Synonym Protein Names	Mid-1-related chloride channel protein 1
Protein Family	Chloride channel CLIC-like protein
UniProt Gene Name	CLCC1
UniProt Synonym Gene Names	KIAA0761; MCLC
UniProt Entry Name	CLCC1_HUMAN
NCBI Protein Information	chloride channel CLIC-like protein 1; Mid-1-related chloride channel protein 1
UniProt Comments for CLCC1	CLCC1: Seems to act as a chloride ion channel. Belongs to the chloride channel MCLC family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Endoplasmic reticulum; Channel, chloride; Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 1p13.3 Cellular Component: Golgi apparatus; membrane; intracellular membrane-bound organelle; endoplasmic reticulum; nucleus Molecular Function: chloride channel activity
Research Articles on CLCC1	**1.** Observational study of gene-disease association and gene-gene interaction. (HuGE Navigator)
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/clcc1/1883005