PITC1 Human Protein

PRODUCT OVERVIEW

Product Name	PITC1, Protein
Full Product Name	Human PITC1 full length protein-synthetic nanodisc
Product Gene Name	PITC1 protein
Product Synonym Names	M-RDGB-beta; MRDGBbeta; RDGB-BETA; RDGBB; RDGBB1
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	31,783 Da
OMIM	605134
3D Structure	ModBase 3D Structure for Q9UKF7
Tag	C-DYKDDDDK
Product Categories/Family for PITC1 protein	Full Length Transmembrane Proteins; Ion Channels: Other
Related Product Information for PITC1 protein	This gene encodes a member of the phosphatidylinositol transfer protein family. The encoded cytoplasmic protein plays a role in multiple processes including cell signaling and lipid metabolism by facilitating the transfer of phosphatidylinositol between membrane compartments. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 1. [provided by RefSeq, May 2012]
Other Notes	Small volumes of PITC1 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 PITC1 purchase	MBS1883010 is a protein targeting PITC1. Also known as Human PITC1 full length protein-synthetic nanodisc. Host: HEK293.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PITC1. It may not necessarily be applicable to this product.

NCBI GI #	32307140
NCBI GeneID	26207
NCBI Accession #	NP_036549
UniProt Primary Accession #	Q9UKF7
UniProt Secondary Accession #	Q96I07; A8K473; J3QR20
UniProt Related Accession #	Q9UKF7
GenBank Nucleotide #	NM_012417

NCBI Official Full Name	cytoplasmic phosphatidylinositol transfer protein 1 isoform a
NCBI Official Synonym Full Names	phosphatidylinositol transfer protein, cytoplasmic 1
NCBI Official Symbol	PITPNC1
NCBI Official Synonym Symbols	RDGBB; RDGBB1; MRDGBbeta; RDGB-BETA; M-RDGB-beta
UniProt Protein Name	Cytoplasmic phosphatidylinositol transfer protein 1
UniProt Synonym Protein Names	Mammalian rdgB homolog beta; M-rdgB beta; MrdgBbeta; Retinal degeneration B homolog beta; RdgBbeta
UniProt Gene Name	PITPNC1
UniProt Synonym Gene Names	M-rdgB beta; MrdgBbeta; RdgBbeta
UniProt Entry Name	PITC1_HUMAN
NCBI Protein Information	cytoplasmic phosphatidylinositol transfer protein 1; M-rdgB beta; mammalian rdgB homolog beta; retinal degeneration B beta 1; retinal degeneration B homolog beta
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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