SLC37A2 cDNA Clone – Solute Carrier Family 37 (Glycerol-3-Phosphate Transporter), Member 2 (Human)

PRODUCT OVERVIEW

Product Name	SLC37A2, cDNA Clone
Full Product Name	SLC37A2 cDNA Clone
Product Gene Name	SLC37A2 cdna clone
Sequence	atgttcctgt acaactacat tggccaggac gggattgcca gctccatagt gatgctgatc atctgtgggg gcctggtcaa tggcccatac gcgctcatca ccactgctgt ctctgctgac ctggggactc acaagagcct gaagggcaac gccaaagccc tgtccacggt cacggccatc attgacggca ccggctccat aggtgcggct ctggggcctc tgctggctgg gctcatctcc cccacgggct ggaacaatgt cttctacatg ctcatctctg ccgacgtcct agcctgcttg ctcctttgcc ggttagtata caaagagatc ttggcctgga aggtgtccct gagcagaggc agcgggtata aagaaatatg a
Molecular Weight	13,154 Da
Vector	pENTR223.1
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SLC37A2 cdna clone	MBS1275459 is a cDNA clone targeting SLC37A2.
Other Notes	Small volumes of SLC37A2 cdna clone 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 SLC37A2. It may not necessarily be applicable to this product.

NCBI GI #	38614457
NCBI GeneID	219855
NCBI Accession #	BC062990
UniProt Secondary Accession #	Q6P599; Q7Z7P8; Q8TEM2; A8K2P9
UniProt Related Accession #	Q8TED4
NCBI Official Full Name	Homo sapiens solute carrier family 37 (glycerol-3-phosphate transporter), member 2, mRNA
NCBI Official Synonym Full Names	solute carrier family 37 member 2
NCBI Official Symbol	SLC37A2
NCBI Official Synonym Symbols	pp11662
UniProt Protein Name	Glucose-6-phosphate exchanger SLC37A2
UniProt Synonym Protein Names	Solute carrier family 37 member 2
Protein Family	Glucose-6-phosphate exchanger
UniProt Gene Name	SLC37A2
UniProt Entry Name	G6PT3_HUMAN
NCBI Protein Information	glucose-6-phosphate exchanger SLC37A2

UniProt Comments for SLC37A2	SLC37A2: Belongs to the major facilitator superfamily. Organophosphate:Pi antiporter (OPA) (TC 2.A.1.4) family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Transporter, SLC family; Membrane protein, multi-pass; Transporter Chromosomal Location of Human Ortholog: 11q24.2 Cellular Component: integral to endoplasmic reticulum membrane Biological Process: glucose-6-phosphate transport
Research Articles on SLC37A2	**1.** Data show that SLC37A1 and SLC37A2 are endoplasmic reticulum associated, P(i)-linked antiporters, that can transport glucose-6-phosphate.
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