TOMM7 cDNA Clone – Translocase of Outer Mitochondrial Membrane 7 Homolog (Yeast) (Human)

PRODUCT OVERVIEW

Product Name	TOMM7, cDNA Clone
Full Product Name	TOMM7 cDNA Clone
Product Gene Name	TOMM7 cdna clone
Sequence	atggtgaagc tgagcaaaga ggccaagcag agactacagc agctcttcaa ggggagccag tttgccattc gctggggctt tatccctctt gtgatttacc tgggatttaa gaggggtgca gatcccggaa tgcctgaacc aactgttttg agcctacttt ggggataa
Molecular Weight	6,248 Da
OMIM	607980
Vector	pENTR223.1
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TOMM7 cdna clone	MBS1272450 is a cDNA clone targeting TOMM7.
Other Notes	Small volumes of TOMM7 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 TOMM7. It may not necessarily be applicable to this product.

NCBI GI #	12804618
NCBI GeneID	54543
NCBI Accession #	BC001732
UniProt Secondary Accession #	O95939
UniProt Related Accession #	Q9P0U1
NCBI Official Full Name	Homo sapiens translocase of outer mitochondrial membrane 7 homolog (yeast), mRNA
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 7
NCBI Official Symbol	TOMM7
NCBI Official Synonym Symbols	TOM7
UniProt Protein Name	Mitochondrial import receptor subunit TOM7 homolog
UniProt Synonym Protein Names	Translocase of outer membrane 7 kDa subunit homolog
Protein Family	Mitochondrial import receptor
UniProt Gene Name	TOMM7
UniProt Synonym Gene Names	TOM7; TOMM07
UniProt Entry Name	TOM7_HUMAN

NCBI Protein Information	mitochondrial import receptor subunit TOM7 homolog
NCBI Summary for TOMM7	This gene encodes a subunit of the translocase of the outer mitochondrial membrane. The encoded protein regulates the assembly and stability of the translocase complex. [provided by RefSeq, Oct 2012]
UniProt Comments for TOMM7	TOMM7: Required for assembly and stability of the TOM complex. Belongs to the Tom7 family. Protein type: Mitochondrial; Membrane protein, integral Chromosomal Location of Human Ortholog: 7p15.3 Cellular Component: integral to mitochondrial outer membrane; mitochondrial outer membrane; mitochondrial outer membrane translocase complex; mitochondrion Molecular Function: protein binding; protein channel activity; protein transmembrane transporter activity Biological Process: macroautophagy; protein import into mitochondrial matrix; protein import into mitochondrial outer membrane; protein targeting to mitochondrion; regulation of protein stability
Research Articles on TOMM7	**1.** Observational study of gene-disease association. (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.
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