

Product datasheet for **SC330819**

FAM73A (MIGA1) (NM_001270384) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM73A (MIGA1) (NM_001270384) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM73A
Synonyms:	FAM73A
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330819 representing NM_001270384. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCAGACTGCTGCTCAGCGCCAGGCATCAGCTGGGAAGCTGGCGTGGGCAGGCCAGCTGTACCTGGC
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GTTATGTCCACTGGGCTACTGGAAGCCAAAGTACAATAA

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001270384
Insert Size:	1902 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001270384.1
RefSeq Size:	6427 bp
RefSeq ORF:	1902 bp
Locus ID:	374986
UniProt ID:	Q8NAN2
Cytogenetics:	1p31.1
Protein Families:	Transmembrane
MW:	71.1 kDa
Gene Summary:	Regulator of mitochondrial fusion: acts by forming homo- and heterodimers at the mitochondrial outer membrane and facilitating the formation of PLD6/MitoPLD dimers. May act by regulating phospholipid metabolism via PLD6/MitoPLD.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) represents the longer transcript and encodes the longer isoform (2).