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Product datasheet for SC330222

TMEM126A (NM_001244735) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: TMEM126A (NM_001244735) Human Untagged Clone

Tag: Tag Free

Symbol: TMEM126A

Synonyms: OPA7

Vector: pCMV6-Entry (PS100001)

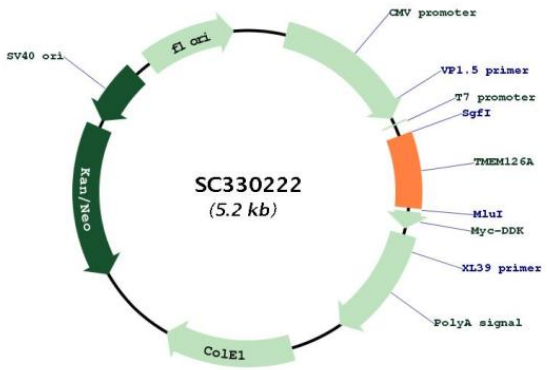
Fully Sequenced ORF:

>SC330222 representing NM_001244735.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCAGGGATACCTTTTCTTACAACAGACTTAACTTACAGATGTTTTGTAAGTTTTCCTTTGAATACA
GGTGATTTGGATTGTGAAACCTGTACCATAACACGGAGTGGACTGACTGGTCTTGTTATTGGTGGTCTA
TACCCTGTTTTCTTGGCTATACCTGTAAATGGTGGTCTAGCAGCCAGGTATCAATCAGCTCTGTTACCA
CACAAAGGGAACATCTTAAGTTACTGGATTAGAACTTCTAAGCCTGTCTTTAGAAAGATGTTATTTCCT
ATTTTGCTCCAGACTATGTTTTCAGCATACCTTGGGTCTGAACAATATAAACTACTTATAAAGGCCCTT
CAGTTATCTGAACCTGGCAAAGAAATTCACTGA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001244735

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Insert Size:	378 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_001244735.1
RefSeq Size:	725 bp
RefSeq ORF:	378 bp
Locus ID:	84233
UniProt ID:	Q9H061
Cytogenetics:	11q14.1
Protein Families:	Transmembrane
MW:	13.8 kDa
Gene Summary:	The protein encoded by this gene is a mitochondrial membrane protein of unknown function. Defects in this gene are a cause of optic atrophy type 7 (OPA7). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1 by lacking the exon containing the translation start site. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.