

Product datasheet for **SC115363**

TIMM9 (NM_012460) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIMM9 (NM_012460) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIMM9
Synonyms:	TIM9; TIM9A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115363 sequence for NM_012460 edited (data generated by NextGen Sequencing) ATGGCTGCACAAATACCAGAATCTGATCAGATAAAACAGTTTAAGGAATTTCTGGGGACC TACAATAAACTTACAGAGACCTGCTTTTTGGACTGTGTTAAAGACTTCACAACAAGAGAA GTAAAACCTGAAGAGACCACCTGTTTCAGAACATTGCTTACAGAAATATTTAAAAATGACA CAAAGAATATCCATGAGATTTTCAGGAATATCATATTCAGCAGAATGAAGCCCTGGCAGCC AAAGCAGGACTCCTTGGCCAACCACGATAG Clone variation with respect to NM_012460.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_012460 unedited AGGTTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCTCCCAGTGTCT TTCCCTCTGGCGGCCGCGCTCCTGTCCAGACCCTGACCTCCCTCCCAAGGCTCAACCG TCCCCAACAAACCGCCAGCCTTGTACTGATGTCGGCTGCGAGAGCCTGTGCTTAAGTAAG AATCAGGCCTTATTGGAGACATTCAAGCAAAGGTTGGACAACACTTTTCCAGAACAGAA AGGAAACTCATGCATCAGAAAAGGTGACTAATAAAGGTACCAGAAGAATATGGCTGCACA AATACCAGAATCTGATCAGATAAAACAGTTTAAGGAATTTCTGGGGACCTACAATAAACT TACAGAGACCTGCTTTTTGGACTGTGTTAAAGACTTCACAACAAGAGAAGTAAAACTGA AGAGACCACCTGTTCAGAACATTGCTTACAGAAATATTTAAAAATGACACAAAGAATATC CATGAGATTTTCAGGAATATCATATTCAGCAGAATGAAGCCCTGGCAGCCAAAGCAGGACT CCTTGGCCAACCACGATAGAGAAGTCCTGATGGATGAACTTTTGATGAAAGATTGCCAAC AGCTGCTTTATTGAAATGAGGACTCATCTGATAGAATCCCTGAAAGCAGTAGCCACCA TGTTCAACCATCTGTCATGACTGTTTGGCAAATGGAAACCGCTGGAGAAACAAAATTGCT ATTTACCAGGAATAATCACAATAGAAGGCTTATTGTTTCAGTGAATAATAAAGATGCAC ATTTGTTGAGGCCTTATGATTCAGCAGCTTGGTCACTTGATTAGAAAAATAACCATTGNN TCTTCATTGTGACTGTTAATTNTAAGNNCACTATGTGTGCATCATGTATGAGATAAAAAA ATNTTATTACTIONTCAAAGTAAATAATGAAAATATCAAAAANAAAAAAAAAAAAAAAAAACT CACTCTGATGCNGCCGCTCTAGCTGTTCTGAAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_012460
Insert Size:	900 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:	<ol style="list-style-type: none"> 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:	<u>NM_012460.2</u> , <u>NP_036592.1</u>
RefSeq Size:	1108 bp
RefSeq ORF:	270 bp
Locus ID:	26520
UniProt ID:	<u>Q9Y5J7</u>
Cytogenetics:	14q23.1
Domains:	zf-Tim10_DDP

Gene Summary:

TIMM9 belongs to a family of evolutionarily conserved proteins that are organized in heterooligomeric complexes in the mitochondrial intermembrane space. These proteins mediate the import and insertion of hydrophobic membrane proteins into the mitochondrial inner membrane.[supplied by OMIM, Apr 2004]

Transcript Variant: This variant (1) encodes the longest isoform (a). Variants 1 through 4 encode the same isoform.