

## Product datasheet for RN209728

### Timmdc1 (NM\_001007676) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Timmdc1 (NM_001007676) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Timmdc1
Synonyms:	RGD1359380
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209728 representing NM_001007676 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGCGCCGCCCTGCGCCTCGCAGCCGCTTTGTGGAGCCTGGGGTCTTTCCCCGAGTCTTTG  
CTGCGGGTGTGTGGCTGCGGATCCCAAAGCTTTGTGGAGGATCCGGAGCTGCGTTCTTATGTCTCAGA  
CCCCGGTCTCGGAATCCGGATGGGACCCTCCGGCAGCTGTTGTCAAAGATGAACAGCGGAAAATC  
TCAAAGGAAATGGACTACATCTGCAGGGCAGCACTTTCAGCCGGCATATTGGCTGGGCATATGGAGGGA  
TACCTGCCTTTATTTATGCTAAAAGACGCTACATTGAGCAGAGTCAAGCAGAGATTTATCACAACCGATT  
CGATGCCGTGCAAAGTGCATCGTGTGCCACAAGGGGCTTCATTCGGTATGGCTGGCGCTGGAGTTGG  
AGAACCGCAGTCTTCGTGACATTTTCAACACAGTGAACACTGGACTAACTGTGTATCGAAATAAAGATG  
CCTTGAGCCATTTTGCCATTGCTGGAGCTGTACAGGAGGCTTTTTCAGAATAAACTTAGGTCTTCGAGG  
CCTGGTGGCTGGCGGTATAATTGGAGCTTTGTTGGGCACGCCGATGGGGAGCTTGTGTATGGCCCTCGAG  
AAGCACTGTGGTGTGAGACAGTTCAAGAGAGGAGACAGAAGGACAGGGAGGCACAGCAGGAGCAGAGGCTGG  
AAGAGTGGAGACGCAATCTGCAGGTCAGTGTCTCCCTATGGAAATTGAAAGTGGCTTAGAGAAGAT  
TCAGCCTGAGAAAAGATGCTCAGAGAATTGAGGAGCTGTACGCCCTGCCTAGGAACCTGCATCACCAGAT  
AAACAAAGCGAGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001007676
Insert Size:	858 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001007676.1</a></u> , <u><a href="#">NP_001007677.1</a></u>
<b>RefSeq Size:</b>	1360 bp
<b>RefSeq ORF:</b>	858 bp
<b>Locus ID:</b>	303922
<b>UniProt ID:</b>	<u><a href="#">Q6AY94</a></u>
<b>Cytogenetics:</b>	11q21
<b>Gene Summary:</b>	Chaperone protein involved in the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). Participates in constructing the membrane arm of complex I (By similarity).[UniProtKB/Swiss-Prot Function]