

Product datasheet for **SC320925**

TIMMDC1 (NM_016589) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TIMMDC1 (NM_016589) Human Untagged Clone
Tag: Tag Free
Symbol: TIMMDC1
Synonyms: C3orf1; MC1DN31
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016589.3
 GTCAAATGCACGGATTCTCACCTCGTACAGTTACGCTCTCCCGCGGCACGTCCGCGAGGA
 CTTGAAGTCCTGAGCGCTCAAGTTTGTCCGTAGGTCGAGAGAAGGCCATGGAGGTGCCCG
 CACCGGCACCGCGGAGCTTTCTCTGTAGAGCATTGTGCCTATTTCCCGAGTCTTTGCTG
 CCGAAGCTGTGACTGCCGATTTCGGAAGTCTTGAGGAGCGTCAGAAGCGGCTTCCCTACG
 TCCCAGAGCCCTATTACCCGGAATCTGGATGGGACCGCCTCCGGGAGCTGTTGGCAAAG
 ATGAACAGCAGAGAATTTCAAAGGACCTTGCTAATATCTGTAAGACGGCAGCTACAGCAG
 GCATCATTGGCTGGGTGTATGGGGGAATACCAGCTTTTATTCATGCTAAACAACAATACA
 TTGAGCAGAGCCAGGCAGAAATTTATCATAACCGGTTTGATGCTGTGCAATCTGCACATC
 GTGCTGCCACACGAGGCTTCATTCGTTATGGCTGGCGCTGGGGTTGGAGAACTGCAGTGT
 TTGTGACTATATTCAACACAGTGAACACTAGTCTGAATGTATACCGAAATAAAGATGCCT
 TAAGCCATTTTGTAAATGCAGGAGCTGTACGGGAAGTCTTTTTAGGATAAACGTAGGCC
 TGCGTGGCCTGGTGGCTGGTGGCATAATTGGAGCCTTGCTGGGCACTCCTGTAGGAGGCC
 TGCTGATGGCATTTCAGAAGTACTCTGGTGGAGCTGTTTCAGGAAAGAAAACAGAAGGATC
 GAAAGGCACTCCATGAGCTAAAAGTAAAGTGGAAAGGAGGAGCTACAAGTTACTGAGC
 ACCTCCCTGAGAAAAATTGAAAGTAAAGTACAGGAAGATGAACCTGAGAATGATGCTAAGA
 AAATTGAAGCACTGCTAAACCTCCTAGAAACCCTTCAGTAATAGATAAACAAGACAAGG
 ACTGAAAGTGTCTGAACTTAAACTCACTGGAGAGCTGAAGGGAGCTGCCATGTCCGAT
 GAATGCCAACAGACAGGCCACTTTGGTCAGCCTGCTGACAAATTTAAGTGTGGTACC
 TGTGGTGGCAGTGGCTTGTCTTTCTTTCTTTCTTTTAACTAAGAATGGGGCTGT
 TGTACTCTCACTTTACTTATCCTTCAATTTAAATACATACTTATGTTTGTATTAATCTAT
 CAATATATGCATACATGAATATATCCACCCACCTAGATTTAAGCAGTAAATAAACATT
 TCGCAAAAGATTAATAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_016589



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_016589.3</u> , <u>NP_057673.2</u>
RefSeq Size:	1596 bp
RefSeq ORF:	858 bp
Locus ID:	51300
UniProt ID:	<u>Q9NPL8</u>
Cytogenetics:	3q13.33
Protein Families:	Transmembrane
Gene Summary:	Chaperone protein involved in the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). Participates in constructing the membrane arm of complex I.[UniProtKB/Swiss-Prot Function]