

Product datasheet for **MC200942**

Tmem70 (NM_027415) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem70 (NM_027415) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem70
Synonyms: 1110020A09Rik; 2210416J16Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011320 sequence for NM_027415
 CTTGGCCGCAGCTGGAACTGACCGCCACCTTCTCCAACCTCGCAGCATGCTGTTGGGGTTGGGCGGCCGG
 TGGGCAGCGGGCCTATGGCCGGGCGGACGAGGACGACGTGGTGTGGCCGCCGCTCCGAGGTTCCG
 GGATCGCTTTCTGGCGTGCGGCCTCGCTAGCCGAGCCAGAGCGGTGCGGAGCGGGCATCTAGCGCT
 AGCCGAGTCTTGCGGCCACCCGGGCGAGCGCAGATACCTGTTTGTGGGAACGATGTGTCCGCTGCTTC
 CATACACAAGTTGATAAGCCAGAAAATGGCAGGCTGATTTATACTGGAACTGGCCGAACGATATTTG
 GTGTGAAATGTTTCTTATTCTACAAGTGTGTGACGCTTGCATTCTTGCCGTACCTTCTCACAAAA
 TAACATGATGTTTGAAGTCTGCCTTTGCAAGTCTATTTTACGGAGTCATGGGAAGCTTACAGTGATC
 ACTCCACGCTGCTTACCTTCTTACAAAAGGCTATGTCATTGCGTTGTATCATGAAGCCACAAGTGACA
 CTTACAGAGCTGTCACCTACAATGTTATGCTTTTCGAAACCAGCACAGTGTTCACCAAGACGACGTGAC
 AATTCCAGAGAGCGCACATATATTCACCAGCTTTTATGCTAAAACAAAATCGCTATTAGTTAATCCAGCA
 CTCTTTTTAAACCCTGAAGACTATAACCATCTAATGGGTTATGACAAACCGTTCACTTTTGATATGGGAA
 AAGTCGCTGAAAAGAACTGCATGAGGGTGA AAAATGAAAAGCCTCTTCAATTTGTGCTTAAATGTCATG
 CAGTTCAGGGTATAATAAGATTGGCTTTATTTTGTATTGTTAGTTAATGATTGTAGAAAACAAAACAAA
 CAAACAAAAAAGTGAAGGGCTGAGGACACAGCAATTGGCACTGTGTTTGTGATGTGAGGCCCTAGAAT
 TGGCCTTCATAGAAGCAGGATGCTTTTGTACACTAGAATCCCAGCACATGGGACAGCGAGTTAGGAAGA
 TTAGAAATCTGAGGTCATCCTTGGTAATGTAGTAGGTTTGTAGGTTAGCCTGGACCTTGTCTTAAAAACAG
 AAGTTGAAACTATCAAGCAGAATTTTTGAAAAATTTTTACATGACAATGTTCTATGTAATAAAAATATGT
 TTAATTA AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_027415
Insert Size: 762 bp



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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).
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:	BC011320 , AAH11320
RefSeq Size:	1222 bp
RefSeq ORF:	762 bp
Locus ID:	70397
UniProt ID:	Q921N7
Cytogenetics:	1 A3
Gene Summary:	Involved in biogenesis of mitochondrial ATP synthase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter protein (isoform 1).