

Product datasheet for **MC220837**

1300001I01Rik (BC072573) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1300001I01Rik (BC072573) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	1300001I01Rik
Synonyms:	1300001I01Rik; Kiaa0664; mKIAA0664
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC072573
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCATCAAGACGGACGAGTTGCCGGCGGCCGCCCGCCGACAGCGCCGGGAGCACGGCTCGCAGG
 CCGCGCGCAAGGGCGGCCGAACGCGGCTGATCTCCCCTCGGTATGCTGTTGAATGGTACTGCTCAGA
 GAATTTGAAGAAGGAAGGGACATCTGAGCCACCTAGGAAAAATGGGCTAGATGAGGGTGAAGCTGGA
 GATGAGACCCTGGACAGGAAGTCATTGTCATTACAGACACAGGCTTTTCTGTGAAGATTCTGGCCCTG
 GCATCGAGCCCTTTCCCTGCAGGTGTCCCCCAGGAGATGGTGCAGGAGATCCACCAGGTGCTCATGGA
 CCGTGAGGATACTTGTATCGTACCTGCTTCTCACTACACTTGGATGGCAATATGCTGGACCACTTTTCA
 GAGCTACGCAGTGTGGAGGGCTGCAGGAGGGCTCGGTGCTCCGAGTTGTGAAGAGCCTTACACGGTGC
 GTGAGGCCGAATCCATGTGCGTCATGTCAGAGACCTCCTCAAGAGCTTGGACCCATCTGATGCCTTCAA
 TGGAGTTGACTGTAACCTTGTCTTCTGAGTGTCTTCACTGATGGTACTTAGGAGACAGTGGGAAG
 CGGAAGAAAGGCTTGGAGATGGACCCATCGACTGCACCCACCTGAGTATATCCCTGCCGGGAGCCGGG
 AGCGGCCTCTCTGTCCTTGCAGCCCCAGAACCCTGACTGGAAGCCCTGCAGTGTCTGAAAGTACTTAC
 CATGAGTGGTGGAAACCCACCTCCTGGAAACCGCAAGATGCATGGGGACCTCATGTACCTGTTTGTGATC
 ACTGCTGAGGACCGGCAAGTCAGCATCACTGCATCGACGAGGGGCTTCTACCTGAATCAGTCCACGGCT
 ACCACTTCAACCCCAAGCCTGCCAGCCCCGCTTCTCAGCCATTCCTAGTAGAGCTGTCAACAGAT
 CAGCCCAACCTTCAAAAAGAACTTTGCTGTGCTGCAGAAGAAAAGGGTCCAGCGCCACCCATTGAGAGG
 ATCGCCACCCGTTCCAGGTATACAGCTGCAGACGCCCCAGGAGAGCATGCCATGGACTGTGTGCGTG
 CGGAGGACGCCTACACCTCGAGGCTGGGTACGAGGAGCACATTCTGGACAGACCCGGGACTGGAATGA
 AGAGCTGCAGACAACAAGGGAGCTGCCCGCAAGAACCTGCCTGAGCGGTTGCTCCGAGAACGAGCCATA
 TTCAAGGTGCACAGTGATTTTACAGCGGAGCCACAAGGGGTGCCATGGCAGTTATTGATGGCAATGTGA
 TGGCCATCAACCCAGTGACGAGACCAAGATGCAGATGTTTATCTGGAACAACATCTTCTCAGCCTGGG
 CTTTGTGTCGGGACCACTACAAGACTTTGGTGGGATGTGGCAGCCTACGTGGCACCACCAATGAC
 CTGAATGGTGTTCGCACATAACAATGCCGTGGATGTAGAGGGACTGTACACACTGGGTACAGTGGTAGTGG
 ATTACCGTGGCTACCGGTCACAGCTCAGTCCATCATCCCTGGCATCCTGGAACGAGACCAGGAGCAGAG
 TGTATCTATGGCTCCATTGACTTTGGCAAGACGGTGGTGTCTCACCCACGCTATCTGGAGCTGTTGGAG
 CGCACCAGCCGGCCCTCAAGATCCTTCTGTCACCGAGTACTCAATGACCGAGACGAGGAGGTGGAGCTCT
 GCTCCTCGGTGAGTGTAAAGGCATCATTGGCAATGATGGGCGCCACTACATCCTTGACCTACTGCGCAC
 TTCCACCAGACCTCAACTTCTTCTGTGCCTGGTGGAGGCTACCCGAGGAGTGTCTCTGAGCTGGC
 TTCCCCGAACCCATCGACACAAGCTGTGCTGTTTGCGCCAGGAGCTAGTGGATGCTTTTGTGGAGCACA
 GGTATCTTCTTTCATGAAGCTGGTGCCTTACAGTTGATGCAACAGAAGGCCAGCAAGTGGAGACCAC
 CACCTCCTGGAGAATGGTGGCCTTCCCTCCTCAGCAGAGACCAATCTGAAGATTCAATAGGACCTGAA
 GCAGGATGTGAGGAGGAGGGCAGCAGTGTGAGTGGCCTCGCAAGGTGAAGGAGCTGGCAGACCATCG
 CCTCAGATGATGGCACAGTAGACCCTCGAAGCCGAGAGGTGATCCGAAATGCCTGCAAGGCTGTTGGCTC
 CATCAGCAGCACGGCCTTTGATATTCGCTTCAATCCTGACATCTTCTCCAGGGGTTGATTTCCCTGAG
 TCTGCCAGGATGAAGTTCGGGACCAGAAGCAGCTGTTGAAAGATGCTGCTGCTTTCTGCTCTCCTGCC
 AGATCCCCGTTTGGTGGGAGGGGCTGAAAGGTTGGGTTGGGCTGCTGAAAGGGGCTGTTGCCCTT
 GGTGCCTCCTGTTTCTTGGTTTCTTGTACATAGAAAACCTTCTGTAACCTTCTGCATTGGCCTCTCCT
 AGCCTGGCACACTGGCAGTGCCCAATAAGTCAAAGGAGGCGTCAGATATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC072573
Insert Size: 2571 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:	BC072573 , AAH72573
RefSeq Size:	6121 bp
RefSeq ORF:	2570 bp
Locus ID:	74148
Cytogenetics:	11
Gene Summary:	mRNA-binding protein involved in proper cytoplasmic distribution of mitochondria. Specifically binds mRNAs of nuclear-encoded mitochondrial proteins in the cytoplasm and regulates transport or translation of these transcripts close to mitochondria, playing a role in mitochondrial biogenesis.[UniProtKB/Swiss-Prot Function]