

Product datasheet for **MC207640**

1700021F05Rik (NM_026411) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700021F05Rik (NM_026411) Mouse Untagged Clone
Tag: Tag Free
Symbol: 1700021F05Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207640 representing NM_026411
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGTGCCTGGTGTGCTCAGACTGCTCACAGGTGCTCTAAGGAAGCCAGATGCCTGGACCAGACTCTGGG
GTGTGATTCAGGGGACATCGTCACACAACTTTGTGCTTCCTGGAACCGATACTGTATTTTTCCAGTAC
CAAGTTAAACACATCAAATTATAAAACACTTTTCCGTAACATTTCTCTGCGACTCCAGAGCTTTTA
GTATCTCCAGAATGTTATTTCCATTTTCTATACGACTCAAAGCAATATAAACTCCAAAAATCTACGA
AAAAGACCCTGCAAAAAGAGGCAGACGAAGAGGACTCCGACGAGGAGACCAGTTACCCCGAGAGGAGCGA
GCAGGAGGAGGAGCTTGAGAGTGAGCCTGGTGTGGCGAAGGACTACAAAGACCTGGAAAAGGTGGTGCAG
TCTTTCCGGTACGACGTATCCTGAAGACGGGCCTTGACGTGGGGAGAAACAAAGTAGAAGATGCATTCT
ACAAAGGTGAACTCAGACTGAATGGGGAGAAGTTGTGGAAGAAAAGCAGAACGGTGAAGGTGGGAGATAC
CTTGGATCTCATCACTGGAGAGAAACAAAGAGACAGGAACAGAGGTGGTATGCGAATTCCTGAAAAAG
GTCTATGAAGAGAAGACTGAGAACGACAAGCACCGGGTGGTGTTCGCCGATGGAAGAGCTTAAAGCTGC
CTAAAAAGACTCTGTCTAAAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_026411
Insert Size: 723 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:	NM_026411.1 , NP_080687.1
RefSeq Size:	898 bp
RefSeq ORF:	723 bp
Locus ID:	67851
UniProt ID:	Q9CQF4
Cytogenetics:	10 B2
Gene Summary:	Mitochondrial RNA-binding protein involved in mitochondrial transcription regulation. Functions as a protective factor to maintain proper mitochondrial RNA level during stress. Acts at the transcription level and its protective function depends on its RNA binding ability. [UniProtKB/Swiss-Prot Function]