

Product datasheet for **MC219540**

1700003E16Rik (NM_027948) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1700003E16Rik (NM_027948) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	1700003E16Rik
Synonyms:	AU041756
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219540 representing NM_027948
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTACGAAGGCTCGAGGCAGGCGGAGATCGTGGGTGACCCGATCCAAGGCAGAAAAAGCCCGG
 CACCCACCCAGCCGGTGCCGAGGTGGACATCGTGCCCTGGGAGACTCAATGAGGCAGAATGGATTGCGTT
 TATGTCCCTGGAGGAGGGCGAGGACGTAGTGGGTGACATCTTGGCTGACCTTATGACTCGAGTTATGGAG
 TGTGCCTTCAAAGTCTATCTGACCCAGCAGTGCCTTCCATTACCATAGCCAGGCCCGAGAGGCCATGC
 TGCAGATCACTGAGTGGCGCTTCTGGCCGAGATGAGGGAGAATCTGCAGTGGCTGAGGACCCACGTG
 GGGAGAGGATGAGGAGCCCTGGCATGCACTACGGATTCTGGGCCAGGGCTCCGTGCCTGTTCTGCAC
 ACACCGGCGCCGTTTGTGTAGAGGAGCAGTCCACAACGAAGAACCTGGGAACCCGGACCAGTTCCTTT
 TAGGTTTCATCGTGGGACAAAGAGTCCAAAAGCCGACACAACCTTCAGAACCTTCTGCCAGCCCAAAGT
 CACCCGAGACCCACGGCCACCTTGGAGGCGTTTGGAGAACTGAGCCCGGGGATGCCTTGAAGTACCC
 CACGGCCAAGAGGGAAGCCATATGTTGGCTGTGCCCTCGAAGGAGTCTTTACGATCTACGGCGGAAGGCC
 AGCGCGTCTACAGCCCCAGTCTTCTCTGAAGCAGCCCCAAGTAGTCCGTCTTACGGCCTCTGAGAAGGA
 ATCATCTTTCGGCTCACACCTGTCGCTCGAGGATCTTTACCTCTGCATGCCCCAGCCAGACGCGGACGGG
 GACCGGCTGAGCTTGAGAGCAAGGGCCAGCTCCACAGCAGCCCGATAGGGTCGGAGTCCCACCTCGGTG
 CACTCACCCCGCAGAGCCCTCCGCGTTCAGGAGCCTGAAGTCTTGGGAGAGCGGCCAAAGCACAAAGAC
 CACCACGTTGCGCATGGATTCTCGCGGCTGCCCGCCACTGGGTGCGCCCGTGGCCGAGGTCTGATC
 CCAGACCTCGAAGTGCACCCTTTGAAAATATATCGCGGGCGCCCGCAGGAGCCAAGCTGGGACCGCAA
 CCTCAGCATGCGAGTCCCAAGCCCTTAGCTCGCGTGTCTCCCTCAAACCCCATGTCTTAGCCCAAAGTT
 CCTCTCCAGCGTTGTGCTACATTCCGTGCTTTGGGCCCGGATCCTAGTTTAAACTTGGCCCAAACCTCA
 CCGTCTTTCGGGTCAAACGTGCCATTCTCAGCCCCGGTTCGCTTCTCCCTAGAAAACCAATCCCTC
 CCGACGTCGCGCAGCACCCCTACCCCAAATATGGCCCTAGCTAAGTGGCCAAGTGGTGGGAGCGGGA
 GGCGGAGCAGCTGGGAGAGCTGTGGCGGGTGGACTCGCGTGCCTCCACAGGGTCAGGAACCTGTGGAG
 GTGACACCTTTGGAGGAGGACTCTGGATGGCCCTAGCGGCGCCCGAGTCTCGAGGCTACGTCCCAAG
 TGCTTTGGAAGCCATGGTTATTTAGAAAACATGAAGCTGGTCTCCTGGTGTGAGTATGTGAACCGGGG
 AACCCAGGAGCTGCTCAATCCTGCTGCATCCGGAAGGAGGCTGAAGAAGCACCCCCAGGCGCCTGAG
 CAGCAACCCATCCAGACAGGTGTGTCCAAGCCTCAGGTGATTATGAAACAGATAAGGAACGAGACCCCA
 AAGCCTGGCTGCTCCCCACCAAGCTGTGCCCACTCTGGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027948
- Insert Size:** 1797 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:

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_027948.1](#), [NP_082224.1](#)

RefSeq Size: 2050 bp

RefSeq ORF: 1797 bp

Locus ID: 71837

UniProt ID: [Q9DAQ4](#)

Cytogenetics: 6 C3