

## Product datasheet for **MC217226**

### **Edc3 (NM\_153799) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Edc3 (NM_153799) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Edc3
Synonyms:	AA517853; Lsm16; Yjdc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217226 representing NM\_153799  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTATGGATTGGCTAGGCAGTATTGTGTCCATCAACTGTGGAGATAGCCTGGGCGTCTACCAGGGAA  
GAGTATCAGCAGTGGATCAGGTCAGCCAGACCATTCTCTTACTCGGCCCTCCACAATGGGGTGAAGTG  
TCTTGTACCAGAAGTCACCTTTCGGGCAGGTGATATTACAGAATTAATAATTTGGAGATACCAGGTCCT  
GGAGACAACCAGCAGGTTGGAGACCTTCATCAGACAGAATTAGGCCCTTCTGGTGTGGGTACCAATGA  
GTATCAGTCAGAATGGAACAGGCAAGGTGGTCAAGAAGCCAGCCTCTCCAGTAGTGGCCCTCAGAGCAT  
CCCTAAGAGGACAGATGTGAAGAGCCAGGATGTTGCCATTTCTCCTCAGCAGCAGCAGTGTCAAAGAGT  
TATGTGGACAGGCACATGGAATCTTTGAGTCAGTCCAAAAGCTCCGTCGTCGGCACAACCTCTGGTCAT  
CTAGTAGCAGGCCACCAACCAGGCAACTCCAAGAAAAGTGGTTTAAAAATGGCCAGATGAAGAATAA  
AGATGACGAGTGTCTTGGAGACGATATCGAGGAGCTCCAGACACGGACTTTGACTTTGAGGGGAACCTG  
GCCTGTTTGACAAGGCGCTGTGTTGAGGAGATCGACACTTACGAGAGGAGAAGTGGCTCCCGTTCTC  
GGGGTGTCCCAAATGAACGTCCTGCTAGGTACCGCCATGATGAAAACATCCTGGAATCGGAGCCGATTGT  
GTACCGTAGGATCACAGTACCACACAGCGTGAGCAAGGAGTTCTGCACGGACTCTGGCCTGGTAGTCCCA  
AGTGTTCCTATGAGCTACATAAAAAGCTGTTGTCTGTGGCTGAGAAGCATGGGCTGACCTTAGAGCGGA  
GACTTGAGATGACTGGTGTGTGCCAGTCAGATGGCGCTGACTCTCCTTGAGGACCCAACAGGTTGAA  
TCCTAAGAATGTCCACCAGAGGCCACAGTAGCTCTCTTGTGCGGCCCATGTGAAGGGGGCTCAGGGC  
ATCAGTTGTGGGAGGCACCTCGCCAACCATGATGTGCAAGTCATCCTCTCCTGCCCACTTTGTCAAGA  
TGCTGGAGTCTATTACCAACGAGCTGTCTCTTCAGCAAGCCCAAGGGCAGCAAGTGTCTAGCCTAAG  
AGATCTCCCTGCTAGCCCTGTGGACCTGGTTATCAACTGCCTGGATTGTCTGAGAATGCCTTCTGCGG  
GATCAGCCCTGGTACAAGGCAGCTGTGGCTGGGCAACCAGAACCAGGACCAAGTGTCTCAGCATAGACC  
CTCCTGTGCATGAAGTTGAACAGGGCATTGATGCCAAATGGTCCCTGGCACTGGGCTGCCTCTGCCACT  
CGGGGAGCACGCAGGCCGAGTCTATTTGTGTGACATTGGCATTCCCAGCAAGTCTTCCAGGAGTTGGC  
ATCAACTACCATTACCTTTGGCTGCAAATTTGTCATTCCCCTACACTCTGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_153799

**Insert Size:** 1527 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\\_153799.3](#), [NP\\_722494.1](#)

**RefSeq Size:** 3343 bp

**RefSeq ORF:** 1527 bp

**Locus ID:** 353190

**UniProt ID:** [Q8K2D3](#)

**Cytogenetics:** 9 B

**Gene Summary:** Binds single-stranded RNA. Involved in the process of mRNA degradation and in the positive regulation of mRNA decapping (By similarity).[UniProtKB/Swiss-Prot Function]