

Product datasheet for **MR208161**

Edc3 (NM_153799) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR208161 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTATGGATTGGCTAGGCAGTATTGTGTCCATCAACTGTGGAGATAGCCTGGGCGTCTACCAGGGAA
 GAGTATACAGCAGTGGATCAGGTCAGCCAGACCATTCTCTACTCGGCCCTCCACAATGGGGTGAAGTG
 TCTTGACCAGAAGTCACCTTCGGGCAGGTGATATTACAGAATAAAAATTTGGAGATACCAGGTCTT
 GGAGACAACCAGCAGGTTGGAGACCTTCATCAGACAGAATTAGGCCCTTCTGGTGTGGGTACCAATGA
 GTATCAGTCAGAAATGGAACAGGCAAGGTGGTCAAGAAGCCAGCCTCTCCAGTAGTGCCCTCAGAGCAT
 CCCTAAGAGGACAGATGTGAAGAGCCAGGATGTTGCCATTTCTCCTCAGCAGCAGCAGTGTCAAAGAGT
 TATGTGGACAGGCACATGGAATCTTTGAGTCAGTCCAAAAGCTCCGTCGTCGGCACAACCTCTGGTCAT
 CTAGTAGCAGGCCACCAACCAGGCAACTCCAAAGAAAAGTGGTTAAAAAATGGCCAGATGAAGAATAA
 AGATGACGAGTGTCTTTGGAGACGATATCGAGGAGCTCCAGACACGGACTTTGACTTTGAGGGGAACCTG
 GCCTGTTTGACAAGGCGCTGTGTTGAGGAGATCGACACTACGAGAGGAGAAGTGGCTCCCGTTCTC
 GGGGTGTCCCAAATGAACGTCCTGCTAGGTACCGCCATGATGAAAACATCCTGGAATCGGAGCCGATTGT
 GTACCGTAGGATCACAGTACCACACAGCGTGAGCAAGGAGTCTGCACGGACTCTGGCCTGGTAGTCCCA
 AGTGTTCCTATGAGCTACATAAAAAGCTGTTGTCTGTGGCTGAGAAGCATGGGCTGACCTTAGAGCGGA
 GACTTGAGATGACTGGTGTGTGCCAGTCAGATGGCGCTGACTCTCCTTGAGGACCCAACAGGTTGAA
 TCCTAAGAATGTCCACCAGAGGCCACAGTAGCTCTCTTGCGGCCCCATGTGAAGGGGGCTCAGGGC
 ATCAGTTGTGGGAGCCCTCGCCAACCATGATGTGCAAGTATCCTCTCTCCGCCAACCTTTGTCAAGA
 TGCTGGAGTCTATTACCAACGAGCTGTCTCTTCAGCAAGCCAAAGGGCAGCAAGTGTCTAGCCTAAG
 AGATCTCCCTGCTAGCCCTGTGGACCTGGTTATCAACTGCCTGGATTGTCCTGAGAATGCCTTCTGCGG
 GATCAGCCCTGGTACAAGGCAGCTGTGGCTGGGCCAACCAGAACCAGGACCAAGTGTCTAGCATAGACC
 CTCCTGTGCATGAAGTTGAACAGGGCATTGATGCCAAATGGTCCCTGGCACTGGGCTGCCTCTGCCACT
 CGGGGAGCACGCAGGCCGAGTCTATTTGTGTGACATTGGCATTCCCAGCAAGTCTTCCAGGAGTTGGC
 ATCAACTACCATTACCTTTGGCTGCAAATTTGTCATTCCCCTACACTCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208161 protein sequence
 Red=Cloning site Green=Tags(s)

MAMDWLGSIIVSINCGDSLGVYQGRVSAVDQVQSQTISLTRPFHNGVKCLVPEVTFRAGDITELKILEIPGP
 GDNQQVGDHLHQTELGPSVGYQMSISQNGTGKVVKKPASSSSAPQSIPKRTDVKSQDVAISPQQQCCKS
 YVDRHMESLSQSKSFRRRHNSWSSSRHPNQATPKKSLKNGQMKNDDECFGDDIEELPDTDFDFEGL
 ALFDKAAVFEEIDTYERRSGSRSGVPNERPARYRHENILESEPIVYRRITVPHSVSKEFCTDSGLVVP
 SVSYELHKLLSVAEKHGLTLERRLEMTGVCASQMALTLGGPNRLNPKNVHQRPTVALLCGPHVKAQG
 ISCGRHLANHDVQVILFLPNFVKMLESITNELSLFSKTQQQVSSLRDLPASVLDVINCLDCPENAFRL
 DQPWYKAAVAVANQNRPVLSIDPPVHEVEQGIDAKWSLALGLPLPLGEHAGRVYLCDIGIPQQVFQEVG
 INYHSPFGCKFVIPLHSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_153799

ORF Size: 1527 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

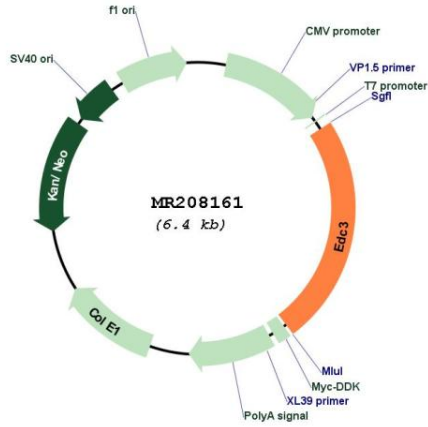
UniProt ID: [Q8K2D3](#)

Cytogenetics: 9 B

MW: 56 kDa

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]

Product images:



Circular map for MR208161