

Product datasheet for **MC219313**

Cdc40 (NM_027879) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc40 (NM_027879) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdc40
Synonyms:	1200003H23Rik; EHB3; PRP17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219313 representing NM_027879
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGTCTCGATTGCAGCTCTAGCTGCTTCGTATGGCTCGGGCTCGGGTCCGAATCGGATTCGGACA
 GTGAGGGCAGTCGGTGTCCGCTGCCAGCCGCGGACTCTCTCATGCACTTGACCAAATCGCCTTCAGCCAA
 GCTCTCTCTGACCGTGGCGGTGGACTCGGCTCCGGAGGTGGCAGTTAAGGAAGATCTGGAGACTGGAGTT
 CACCTTGACCCTGCTGTCAAAGAAGTTCAGTATAATCCCACCTATGAGACCATGTTTCGCTCCTGAGTTTG
 GACCAGAAAATCCCTTTGAACACAGCAAATGGCTGCCCTAGAAATATGCTTTCTGGGTATGCAGAGCC
 AGCACACATCAATGACTTCATGTTTGAACAGCAAAGAAGGACATTTGCTACGTACGGCTATGCACCTGGAC
 CCTTCGTAGATAATCATCAGGTGTCTGCTAAGTATATTGGCTCTGTGGAAGAAGCGGAGAAGAACCAAG
 GCTTAAGTGTATTTGAACTGGTCAGAAGAAAACAGAAAAGGAAAAAGTTCAAAGAAAATGATGCATC
 TAATATTGATGGTTTCTGGGACCATGGGCAAAATATGTGGATGAAAAAGATGTGGCCAAACCTTCAGAA
 GAAGAACAAAAGGAATTGGATGAAATCACAGCAAAGAGGCAGAAAAAGGCAAACAGGAAGAAGAGAAAC
 CTGGGGAGGAGAAGACAATCTTACATGTTAAAGAAATGTATGACTATCAAGGCAGTCTACCTTACAT
 ACCTCAGGATGTTGGTGTAAATCTACGGTCATCTGTGCCACCTGAAAAATGTTACCTTCCAAAAAACA
 ATTCACGTGTGGTCTGGACACACAAAGGTGTCCAGCGCCGTACGGCTCTTTCCTCTTTCTGGACATTTGT
 TGCTGTCTTGCTCCATGGACTGTAAAATTAAGCTATGGGAAGTTTATGGAGACCGGCGTGTCTGAGAAC
 ATTTATTGGTCACAGTAAAGCTGTGAGAGACATCTGCTTCAACTGCAGGAACCCAGTTCCCTCAGTGCG
 GCCTACGACAGGTACCTTAACTCTGGGACCCGAGACAGGACAGTGTATATCAAGATTTACAAACCGCA
 AAGTACCCTACTGCGTCAAGTTCAATCCCGATGAAGATAAGCAAAATCTTTTGTGGCTGGGATGTCTGA
 TAAGAAGATCGTACAGTGGGACATCCGACGTGGAGAGATTGTTTCAGGAATATGATCGGCATCTGGGGCT
 GTCAACACGATTGTTTTTGTGATGAGAACCGAAGATTCTGTGAGTACATCTGATGATAAAAAGCCTACGAG
 TTTGGGAATGGGATATCCCTGTGGATTTAAGTACATAGCAGAGCCAGCATGCACTCAATGCCCGCAGT
 GACTTTGTCTCCAAATGGGAAATGGCTAGCATGCCAGTCAATGGACAACCAAATCTTAATTTTTGGAGCA
 CAGAACAGATTGAGTTGAATAAGAAGAAAATATTTAAGGGCCACATGGTAGCAGGCTACGCTTGTGAGG
 TAGACTTCTCACCAGACATGAGCTATGTGATTTACAGGAGATGGAATGGGAAATTAACATCTGGGACTG
 GAAGACCACAAAATCTACAGTCGCTTTAAGCCCATGATAAAGTGTGCATAGGCGCAGTGTGCCACCCC
 CATGAGACCTCCAAGTCATCACGTGTGGTTGGGACGGCCTCATTAAAGTTGTGGGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027879
- Insert Size:** 1740 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_027879.2](#), [NP_082155.1](#)

RefSeq Size: 3370 bp

RefSeq ORF: 1740 bp

Locus ID: 71713

UniProt ID: [Q9DC48](#)

Cytogenetics: 10 B1

Gene Summary: Required for pre-mRNA splicing as component of the activated spliceosome.
[UniProtKB/Swiss-Prot Function]