

Product datasheet for **MC203199**

Fundc1 (NM_028058) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fundc1 (NM_028058) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fundc1
Synonyms:	1500005J14Rik; 1810033P05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC030487
 CCACGCGTCCGGGAGGCTGAGGAAAAAGAGAGACCATAGACTTCCAACCTCGGCCTAGAGCGTCCTTTAA
 AGTGGTGGGGAGAGGGCGGCAGGGACCACCCCAACTGGCCGCTGGCGGTATCATGGCATCCCGGAACCC
 CCCTCCCAAGACTATGAAAGCGATGACGAATCATACGAAGTGTGGATTTAACTGAATATGCAAGAAGA
 CACCACTGGTGAATCGAGTATTTGGCCACAGTCCGGACCTATGGTAGAAAAATACTCAGTAGCTACTC
 AGATTGTAATGGTGGCCTGACTGGTGGTGTGCAGGATTTTTATTCCAGAAGGTTGAAAACTTGCTGC
 AACTGCAGTAGGTTGGTGGTTCCTTCTTCCAGTTGCCAGTCACAGTGGCTATGTACAGATCGACTGG
 AAGAGAGTTGAAAAAGATGTAAACAAAGCAAAGAGACAGATAAAGAAGCGAGCAAATAAAGCAGCACCTG
 AAATCAACAATAAATTGAAGAACAACAGACTTTATCAAGCAGAACATTGTGATATCCAGCGGCTTCGT
 GGGAGGCTTTTTGCTAGGCTGGCATCTTAAGGACTTGAAGGCTCTGTAGTGGATCCAACAATGAGAGGA
 AGACTGTGGCAGCAGGGTTATCTCTTAATGGCACATGCTACCAGTCTCCAAAGTAAGGAACAGCCGGCTG
 GACGATTGCAAATGAAGCAGCTTAGCATTTCGCCGCTGAAGCTTACCAAGCTAGTATCTCTGTAAGAC
 AACCTATGTGCTGTACACAATAGTATTCTTGAGCAACCATGGATTTTGCAAATTTTTAAATTTAACAT
 TTGTTTAGAACTAGCCTATGATTATCATCACTGGATATAGTGGAGACAGAAAAAGCTGTTACATGTA
 GTCCAATGAAATATTACCCTATCTACTTTTCAAAGTTTTTGTGCTTTACTGTCTAGTGTATAATAATTAA
 ATATTGCTTATAGCTTCAATGTTATGGCTGATTTTTTTAAAGATGTGTTTGAATAAACTGAAGAATT
 GTTTTACCCTTTGTGGAAGCAACAATAGAATTATTAAGATATTAAACTCTTCTGATATGTCAATCTTT
 AGTTAGTTTTTTCCCTTCTCTTTCTTACTTTGCTTATGTGTAATTTACATTAAGGAGGATTTTGT
 AATGAAATACTACGCGACTAAAACACTTCCCTTTCTCTAATGTCTGCAGTTTTTGAAACGTCTCCTTGT
 ACGTTCTAATTTTTCAAGTTTGTGTTTAAACAGAATAATTTGGGAGTATGTCATTAGTTGGTCATTG
 ATATGCTTTATTAATTTCAAATGCATCTCATTTTTTATTCTAAAAATCCTAATATTTTTTTGTCTCT
 CACCAAAAGGTACAGATTGCTTTAAAATACTTAATAGTATAATATGAACCTATTGTCTGAAGAAGTGA
 TTTTCTGTGTAGTCCAAAATTATAGCTTAAATAAATTGCTTCCCTTGATTATATGATGAAGCACTAGG
 GCTCTCAGGCATTGCTAGCGTTCCATTTCTTGAACATTAGGCCAGTTTACTTGTGTTCTCTGGCCAGCCT
 CACACTTGTCCGAGCATCTCTTGTCCAAGAACAGCTTTCAATATTGTTATTCTTGTTCATAGAATTCTT
 GGCTGTCCCTGGGAAAAACAGCAGAACAGTATAGGTTAGAGTCTTCAGACTGGAAATATTGCAGCTATTC
 AGACTATCTTCTGTGATAGGACTCCCATTTGATACTCTGTGTCTTGTAAATGTGTCATTTTCATATTT
 TTGATATTGGTTACAAGCTGTGTGCTTGTACTGTCTTGAATTTCTTAAATTCAAATGTACAATTGAATT
 TTAGTTTCTTTTATTCTCATTAGTGCCTCATATAGAATGCTAAATAAACTCAGTTCCTTAATATGAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028058

Insert Size: 468 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: [BC030487](#), [AAH30487](#)

RefSeq Size: 1989 bp

RefSeq ORF: 468 bp

Locus ID: 72018

UniProt ID: [Q9DB70](#)

Cytogenetics: X A1.2

Gene Summary: Acts as an activator of hypoxia-induced mitophagy, an important mechanism for mitochondrial quality control.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.