

Product datasheet for **MC205211**

Mindy2 (NM_172772) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mindy2 (NM_172772) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mindy2
Synonyms:	AI465301; B230380D07Rik; Fam63b; mKIAA1164
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058683
CTACAGAGCGGCTGTCATGGCGTCGGAGGCGCTTGTGAGGAGAGCCGGCCGCGGTGTCTATAGGACCAG
GGGCGGGCGGCCGGGATGGAGAACAGCCCTGACAGCCCACAGCCTCTGGAACTAGGGGTGGCGGCCGGG
CGAGTGTGCGCCCGGAAGGGCGACGGCGGGCGGGCGGAGGCTGAGGATGGTCCCCTGGACGCGCGG
TGGACAGCGGGCAGGGGGCGGGCGGGCGGACGCGGGAGCAGCCTCGGGGACCCGACGTCCCCCTC
GCAGCTCGGATGCGGCGGGCTCGGACTTGAAGGACGGCGCTCGTGCAGCCCTGCCGCTCGGAGGTG
CCTTCAAGAGGGCAGACAAGGTGACCCGCTCCCGGAGCTGGCCGAGGCCGCGGGCGGGCGAGGTCGG
GGCCAGTGGGCGACACGGGCACCTGCAGGTGGAGCAGGCGGGGAAGAGCCAGCAGCACCGGCGCCCC
GAGCAGCAGCTGCAGCGAGCCGAGCCCCCTGGGACTCGCCAGCTTGGACTCCCTGGAGTCTTTCTCC
AACCTGCATTCTTTCCAGTAGCTCTGAGTTC AATAGTGAGGAGGGAGCAGAGACCAGGGTCCCCGAGG
ACGTGGAGGAGGGCGGGCGGGCCGAGGCTGCACCTCTATGCAAAGAGGAGGAGGAGGCCCGGC
TCAGGTGTAGCGGCTCCAAAGAACGCTTTCCCGACAGTGGTGTATCACATCAAATGGATCCAGTGG
AAAGAGGAGAACACGCCATCATACCCAGAATGAGAATGGACCCTGCCCTTGTGGCCATCTCAATG
TTTTGCTTCTCGCTGGAAGGTGAACTCCACCAATGATGGAATCATAACTGCGGAGCAGCTGATGGA
ATATTTAGGTGATTATATGCTTGAAGCAAAGCCAAAAGAAATATCAGAAATCAACGTGTAATTTAGAA
CAGAATATGAGTGATGCTATGGCAATCTTGACAAAAGTGCAGACAGGCCCTGGACGTGAATGTCAGGTCA
CTGGGGTACGAGTTTTTCAGTACACGCCAGAGTGCATAGTCTTTGATCTTCTAGATATTCCTTTGTATCA
TGGGTGGTTAGTGGACCCTCAGATTGATGACATTGTAAGAGTGTGGCAACTGCAGCTACAACCAGCTG
GTAGAGAAGATCATCTCCTGTAAGCAGTCAGACAACAGCCAGTTGGTGTAGTGAAGCTTTGTAGCTGAGC
AGTTTCTAAACAATACAGCCACTCAACTGACGTACCATGGATTATGTGAAGTACTTCAACGGTTACAGGA
AGGAGAGCTCTGTGTGTTCTTTCCGAATAATCATTTTAGCACCATGACAAAATACAAGGGTCAACTGTAT
TTGTTGGTAACAGACCAAGGGTTTCTTACTGAAGAAAAAATTGTCTGGGAAAGCCTCCACAATGTAGATG
GTGATGGAAATTTCTGTGACTCAGAATCCACCTTCGGCTCCTTCAGATCCTGAGACTGTATACAAGG
TCAACAAGACCAAAATAGATCAGGACTACCTTATGGCACTGTCACTGCAACAAGAACAGCAGACCAAGAA
ATCAATTGGGAGCAAATCCAGAAGGAATCAGTGAAGTGGAGCTGGCAAAGAACTCCAGGAAGAGGAGG
ACCGACGGCCTCTCAGTACTACCAGGAGCAGGAGCAGGCTCAGGCTGTTGTGACTACCACCACCCCTTC
CACACAGGCCCAGCAGGGCCAGCCAGCACAAGCCTCTCCATCAAGTATAAAAACAGCCTGGGAATAGTGAA
CGGAAACGCAAGGAACCTCGGAAAAAGACAAAGAGAAAAGAAAAGGAAAAAATAGCTGTGTGATTTTGT
AGGGAATGCTGACGTCTGTGGGAACCACCTATGCAGATGACGGAAGGAAGACCCAGTCCCTACCGTCTG
TGCTGATCTCCAATGGATTTTGTCTATGTTTTCCAGGGGAAGGTTGTTACTTTGTTACAATCAGCTTT
TTCAAGTTACACCATACTCTCTATGAGCTGGAGTTTTATGTTACAGGTCGGAAGTGGTGTGTGTGTC
ACTGTAGCAAATGAGAATATCACTCCTATTTTGTGTCTAGTGACATTGCAACTCCAATCAGTTAGTAAG
CTATTGTGTTCTGTGTGACAATGGATGGAGTCACTGAATAAGTTTGATCCTTCTCAAGATGTAATTTGT
AGCACAATTTTCTGAACTTTACATTGTTAAATTTATATCCTAATCCATGAGGAACGAGGACTTTAATA
TAGGGGAGGGGAGAGAGCAGGAATGCTGACCTTCATTGTATATTGAACTGGTTAGCCCTTGACAGC
TTTACCTTTCTTAGTAATGTACATTTAGCTACTACCTTGAGAACTGATAATGGAGCTTGGATCCAATT
TAGATAGAAAAAATTTTTTTATTTTCAAATAGCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_172772

Insert Size: 1806 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: [BC058683](#), [AAH58683](#)

RefSeq Size: 2502 bp

RefSeq ORF: 1806 bp

Locus ID: 235461

UniProt ID: [Q6PDI6](#)

Cytogenetics: 9 D

Gene Summary: Hydrolase that can remove 'Lys-48'-linked conjugated ubiquitin from proteins. Can also bind to polyubiquitin chains of different linkage types, including 'Lys-6', 'Lys-11', 'Lys-29', 'Lys-33' and 'Lys-63'. May play a regulatory role at the level of protein turnover.[UniProtKB/Swiss-Prot Function]