

Product datasheet for **MC219589**

Mindy4 (NM_177883) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mindy4 (NM_177883) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mindy4
Synonyms:	C330043M08Rik; Fam188b; Gm1406
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219589 representing NM_177883
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGTCTGTACGTGGAGGAGTGGCCGCTCCCTGGTCAGGGAGTTTCTTAGCAGAAAGGGTTTGA
 ACAAGACATTTGTGACCATGGACCAGGAGCGCCCGCTGTGAGCTTAGCATCAACAGCAGAAATGATCT
 CCGCAAAGTTCTGCATCTGGAGTTTCTCTACAAGGAGAACAAGGCAAAAGAAAAGCCTCTAAGAACAAAC
 CTGGAGCTCATTACCAGTACTTTCTGGATAATGTTGAAATACAGATAACAGTAAAGTCAAGAAGTCC
 CAATCCCTGCAATCCCTGTTCCAAAGAAAAACAAGTTGCCTTTGAGACACTCAGAGACCACATTGGT
 GAATATAACGACCTTTAGATGAAGATACGGGAAGACGGACATCATGGTCAGAAGCAGGCAAAGCCAGG
 CATGACAGTCTGGATGGGACATACTTGGTAATTCGTATCATCAAAAAACCCTCACACAAAAGTAAGG
 CTGCACACGTGGACCTGGGTGACAGCCTCCCGTTGGTTCCTGCGTGGGAGAAGGTGGACCAGCTTACTC
 ATCAGAGCCCGGTATAGATGTGAAGAAGACAATGGAGAGGACCAGGCCTAAGTCTGGCCTGATTGCCGA
 GGCATGATGGCTGGCCCTGTCGCCAGCTCCCTCAGGACTCTTTCGCAACGCTCTCTGAGAAGGTCTCT
 CAGCTCTGAGCAGGAAGCTCAAACCCAGAGGAGATCCAGCAGCAGTCTGAGCCTTTGTCCACACCCC
 AGCCTATCTGGGTCCACAGGAGGTCCCGATTCCAGCAGTACTCCGTCTCCAGAAGCCCTCTGGGCCAG
 CTGAATGAACTGTCTATAGAGAAGCCAAATGTCACCTTCTAGCAGCCAAGGGCTGTCCAGAGGGACAGAC
 CCAGGCTAAGAAGTGTTCAGAGGACAGCCCACTGGGGTACAGCCACACAGAGGGGAATCCAGGATGGC
 CCAGGACCAGTGGAAAGAGCGTTCAAGCGTCAGGGCGTCCAGCCTCCATCTCTCAGGAAAAATCAGTTG
 GTGTCTGACAGGACGGATGATAAGCCAGATGCCCTGCAGCTAGAGGATGTTGAGGATGAGTTGATAAAGG
 AAGACATTGTCTTGTTCACCTCCATCAATGCTCAAGTTCAGACTGTGTCAAAGCCAATTGACCTCTC
 ACTGGCTAAGGAGATAAAGACCCTTCTGTTGGCTCTACCTTTTGCTGCTCAGTGAAGAATGAAACTT
 CAGAACTTTTCTCAATGACATTGCCTCGTTAAAATACGGCATTGTGCAGAACAAGGGTGGTCCCTGTG
 GGGTTCTGGCAGCTGTTCAAGGCTGTGTGCTTCAGAAACTCCTGTTTGAAGGAGATAACAGAACCAACTC
 TAATCTCCGGCTGCAGCCCTCAGATGCCAGAGGACTCGTGCCTTGGCCATGGCCATTGCCGACATCTG
 TGGCGAGCTGGAGGCAAAGAACAAGCCGTGTTGCACTGGCTTCAGGAACACCGCACTTCAAGTCCAAACAG
 GGAATACAAAGCAGATGGAGTCTTAGAAACAGTACGGCTTTCTGGAAAATATCGTGCCACCTTTGGCT
 TTGTTTGGGACTATCTCTTTTATATAAGTAAATCCTACCCAGCTGGGGCTGGCTGGCCATCCCTGCA
 GCCAGGCCCCCAAGATCTGCCTGCCCTTTGGGGTGGGGAGAGCTGAGTGGCTTGGTGGTTTGGCGT
 GGTTTGGCATGGTTTGGCGTGGTTTGGCTCATCAGAGCTGGTTCAGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_177883
- Insert Size:** 1803 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_177883.4](#), [NP_808551.2](#)

RefSeq Size: 2211 bp

RefSeq ORF: 1803 bp

Locus ID: 330323

UniProt ID: [Q3UQI9](#)

Cytogenetics: 6 B3

Gene Summary: Probable hydrolase that can remove 'Lys-48'-linked conjugated ubiquitin from proteins. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks multiple 3' exons but has an alternate 3' sequence, as compared to variant 1. The resulting isoform (2) has a shorter and different C-terminus, as compared to isoform 1.