

Product datasheet for **MC221264**

Mindy4 (NM_001142781) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mindy4 (NM_001142781) 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: >MC221264 representing NM_001142781
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACAGTCTGTACGTGGAGGAGTGGCCGCTCCCTGGTCAGGGAGTTTCTTAGCAGAAAGGGTTTGA
 ACAAGACATTTGTGACCATGGACCAGGAGCGCCCGCTGTGAGCTTAGCATCAACAGCAGAAATGATCT
 CCGCAAAGTTCTGCATCTGGAGTTTCTCTACAAGGAGAACAAGGCAAAAGAAAAGCCTCTAAGAACAAAC
 CTGGAGCTCATTACCAGTACTTTCTGGATAATGTTGAAATACAGATAACAGTAAAAGTCAAGAAGTCC
 CAATCCCTGCAATCCCTGTTCCAAAGAAAAACAACAAGTTGCCTTTGAGACACTCAGAGACCACATTGGT
 GAATATAACGACCTTTAGATGAAGATACGGGAAGACGGACATCATGGTCAGAAGCAGGCAAGCCAGG
 CATGACAGTCTGGATGGGACATACTTGGTAATTTTCGATCATCAAAAAACCCTCACACAAAAGTAAGG
 CTGCACACGTGGACCTGGGTGACAGCCTCCCGTTGGTTCCGTCGTCGGGAGAAGGTGGACCAGCTTACTC
 ATCAGAGCCCGGTATAGATGTGAAGAAGACAATGGAGAGGACCAGGCCTAAGTCTGGCCTGATTGCCGA
 GGCATGATGGCTGGGCTGTCGCCAGCTCCCTCAGGACTCTTCCGCAAACGCTCTCTGAGAAGGTCTCT
 CAGCTCTGAGCAGGAAGCTCAAACCCAGAGGAGATCCAGCAGCAGTCTGAGCCTTTGTCCACACCCC
 AGCCTATCTGGGTCCACAGGAGTCCCGGATTCCAGCAGTACTCCGTCTCCAGAAGCCCTCTGGGCCAG
 CTGAATGAACTGTCTATAGAGAAGCCAAATGTCACCTTCTAGCAGCCAAGGGCTGTCCAGAGGGACAGAC
 CCAGGCTAAGAAGTGTTCAGAGGACAGCCACTGGGGTACAGCCACACAGAGGGGAATTCAGGATGGC
 CCAGGACCAGCTGAAAGAGCGTTCAAGCGTCAGGGCGTCCAGCCTCCATCTCTCAGGAAAAATCAGTTG
 GTGTCTGACAGGACGGATGATAAGCCAGATGCCCTGCAGCTAGAGGATGTTGAGGATGATTGATAAAGG
 AAGACTTGTCTGTTTCCACCTCCATCAATGCTCAAGTTCAGACTGTGTCAAAGCCAATTGACCTCTC
 ACTGGCTAAGGAGATAAAGACCTTCTGTTGGCTCTACCTTTTGGCTGCTCAGTGAAGAATGGAACCT
 CAGAACTTTTCTCAATGACATTGCCTCGTTAAAATACGGCATTGTGCAGAACAAGGGTGGTCCCTGTG
 GGGTTCTGGCAGCTGTTCAAGGCTGTGTGCTTCAGAAACTCCTGTTTGAAGGAGATAACAGAACCAACTC
 TAATCTCCGGCTGCAGCCCTCAGATGCCAGAGGACTCGTGCCTTGGCCTGGCCATTGCCGACATCCTG
 TGGCGAGCTGGAGGCAAAGAACAAGCCGTGGTTGCACTGGCTTCAGGAACACCGCACTTCAGTCCAACAG
 GGAAATACAAAGCAGATGGAGTCTTAGAAACTCACACTGTATAGTTTGACCAGCTCAGAGGACCTGGT
 GACTTTTATCCAGCAGAGTGTTCATCAGTTTGAAGCTGGACCCTATGGTTGCATCCTGCTCACCTTGTCT
 GCTATCCTGTCCAGGTCCTGGAGCTTGTCCGGCAGGACTTTGATGTCCCACCAGCCATCTCATTGGAG
 CTCATGGATACTGCACACAGGAATTTGCAATTTCTCCTGACTGGGAGAGCCGTGCTAATGTTTTCAA
 TGATGTAGTGGAGCTGGACTCAGGTGATGGGAACATCACGCTCCTCCGAGGCATCGAGGCACGCAGTGAC
 ATCGGCTTCTTATCTCTTTGAACACTACAATGTGTGCCAGGTTGGCTGCTTCTAAAGACGCCAAGGT
 TCCCCATCTGGGTGGTCTGCAGTGCAGGCACTTCAGCATCCTCTCAGCCTACAGCCAGAGCTCTTGTG
 CGACTGGAGGTCTGAGCGGCTTTTTGACCTGTATTACTATGACGGCTTGGCCAACCAGCAGGAGGAGATA
 CGTCTGACTGTTGATACCACCAAGACCGCCCCAGCGGACAGCTGCAGTGACCTTGTCCCTCTTGGAGC
 TCTGTATCAGAACCAAGTGAAGGGGCATCTGTAACCTGGAACGGCTCAGACCCCATCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001142781

Insert Size: 2235 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:	<ol style="list-style-type: none">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:	<u>NM_001142781.1</u> , <u>NP_001136253.1</u>
RefSeq Size:	4270 bp
RefSeq ORF:	2235 bp
Locus ID:	330323
UniProt ID:	<u>Q3UQI9</u>
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 (1) encodes the longer isoform (1).