

Product datasheet for **MC218476**

Mindy1 (NM_199475) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mindy1 (NM_199475) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mindy1
Synonyms:	1810005H09Rik; 4930504E06Rik; AA562754; AA960384; AW561904; cl-40; mKIAA1390; ni
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218476 representing NM_199475
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACAACCTCAGACTGAGAACCAGCCCTAGTAAGGCCACTAGTGCAGAACTGTTGAATCTGAAA
 ACCATGAGGCCCTGTCTGGACCAGAGAAGCATCCTCAGGACAAGGATGGTGCAGATGCTGATGGAGCAGC
 TGGAGAACAGGAGCCAGGAGACCAAACCTTGGCCACCAGCCAGGATGGTAAAAATCTTGAGTGCTCCTCT
 CCTGAAGCTAGCTCAAGTCTCCTGGGCCAGCTTGTGGGACGTACCTAAGGTAGAGACAGCAGAGGTGT
 GTTCCAGGCCACAGGAACCTCCAGTCCCCAGGATCCAACAGCCTGAGCTAGATTTCTACTGTGTCAA
 GTGGATCCCTGGAAGGGAGAACGGACCCGATCATCACCAGAGCACCATGGTCCGTGCTCTTCTA
 GCCATCATGAACATCCTTTTTCTCAGTGAAGGTGAAGCTGCCCCCTCAGAAGGAAGTGATCACATCAG
 ATGAGCTCCTGACACACCTTGGAACTGCCTTCTGTCCATCAAACCCCAAGAGAAGTCTGAGGGCCTTCA
 ACTTAACCTTTCAGCAGAATGTGGACGATGCAATGACGGTCTCCGAACTGGCCACAGGTCTGGACGTC
 AATGTGCGATTACGGGGCTCTCCGACTTTGAGTATACGCCGGAATGCAGCATCTTTGACTTGCTGGGAA
 TACCTCTATACCATGGCTGGCTGGTGGATCCACAGAGTCCCGAGGCTGTGAGTGCTGTTGGGAACTGAG
 TTACAACCAGCTGGTAGAGAAGATCATCCTGTAAACACTCTAGTGACTCCAACCTCGTGACAGAAGGC
 TTGGTTGCGGAGCAGTTCCTGGAGACACTGCGGCACAGTTGACCTACCATGGCCTGTGCGAGCTCACAG
 CAGCTGCCACGGAAGATGAACCTAGTGTCTTTTCGAAACAACCACTTCAGCACGATGACTAAGCACAA
 GAGTCACTGTACCTACTGGTCACTGACCAAGGTTTTCTACAGGAGGAGCAGGTGGTATGGGAGAGCTTG
 CATAACGTGGATGGTACAGCTGCTTTTGTGACTCGGACTCCACCTAAGTCATTCCCTAGGCCAAAAGCC
 ATGGAGCAGAAGGTGGGGTGGCTCTCCAGAGAAGCAGCTGCAAGTGGACCAGGACTACCTTATTGCCTT
 ATCCCTGCAGCAGCAGCAGCCACAAGGCACGTTGGGCCTCAGTGACCTGGAACCTGGCCCAACAACCT
 CAACAAGAAGATATCAACAACGCAAGCAGTTCAACCTGTGCGAACAAGGGCTCCTTCGCCCCAGGGGA
 GAGGAGCCACATCTGGACGTCCAGCTGGAGAGCGCGGCAGAGGTCAAAGACTGAGTCAGACTGTGTTCT
 GCTCTGA

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_199475

Insert Size: 1407 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:	<u>NM_199475.1, NP_955769.1</u>
RefSeq Size:	2850 bp
RefSeq ORF:	1407 bp
Locus ID:	75007
UniProt ID:	<u>Q76LS9</u>
Cytogenetics:	3 F2.1
Gene Summary:	<p>Hydrolase that can specifically remove 'Lys-48'-linked conjugated ubiquitin from proteins. Has exodeubiquitinase activity and has a preference for long polyubiquitin chains. May play a regulatory role at the level of protein turnover.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>