

Product datasheet for **SC317771**

MINDY1 (NM_018379) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MINDY1 (NM_018379) Human Untagged Clone
Tag:	Tag Free
Symbol:	MINDY1
Synonyms:	FAM63A; MINDY-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317771 representing NM_018379.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAATACCATCAGCCTGAGGATCCAGCCCCTGGTAAGGCCGGGACTGCAGAAGCAGTCATCCCTGAA
AACCATGAGGTTCTGGCAGGCCAGATGAGCACCTCAGGACACAGATGCAAGAGATGCTGATGGGGAG
GCTAGAGAACGGGAGCCAGCAGACCAAGCTTTGCTGCCTAGCCAGTGTGGGGACAACCTTGAGTCCCT
CTGCCTGAAGCTAGCTCAGCTCCACCGGGGCCAACCTTGGGACACTGCCTGAAGTAGAGACAATAAGG
GCATGCTCCATGCCCCAGGAGCTTCTCAGTCCCCAGGACCCGACAGCCTGAGCCAGATTTCTACTGT
GTCAAGTGGATCCCTTGGAAAGGAGAACAGACACCCATCATCACCCAGAGCACTAACGGCCCTTGCCCT
CTCCTTGCCATCATGAACATCCTCTTTCTCAGTGAAGGTGAAGCTCCCCCGCAGAAGGAAGTGATC
ACATCGGATGAGCTCATGGCCATCTTGGAACTGCCTCCTGTCCATCAAGCCCCAGGAGAAGTCAGAG
GGACTTCAGCTTAATTTTCAGCAGAATGTGGATGATGCAATGACAGTGTGCCTAACTGGCCACAGGT
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CTGCTAGGCATACCTCTGTACCATGGCTGGCTTGTGATCCACAGAGTCCTGAGGCTGTGCGTGCAGTT
GGGAAACTGAGTTACAACCAGCTGGTGGAGAGGATCATCACTGCAAACTCCAGTGACACCAACCTC
GTGACAGAAGGCCTGATTGCAGAGCAGTTCCTGGAGACCACCGCGGCCAGCTGACCTACCACGGACTG
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ATGACTAAGCATAAGAGTCACTTATACCTACTGGTCACTGACCAGGGCTTTCTACAGGAGGAGCAAGTC
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TCCCTGGGCAAGGGGCTGGAGCAGAAGGTGGGAGTGGCTCCCCAGAAAAGCAGCTGCAGGTAGACCAG
GACTACCTGATTGCTCTGTCCCTGCAGCAGCAACAGCCACGAGGCCGCTGGGGCTTACCGACTTGGAG
CTGGCCCAGCAGCTTCAGCAAGAGGAGTATCAACAGCAGCAGGCAGCGCAGCCAGTGCAGGATGCGGACG
CGGGTCTGTCACTGCAGGGGAGAGGAGCCACATCTGGACGCCAGCCGGGGAGCGTCGGCAGAGGCCG
AAGCAGAGTCAGACTGCATTCTGCTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_018379

Insert Size: 1410 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_018379.4</u>
RefSeq Size:	2851 bp
RefSeq ORF:	1410 bp
Locus ID:	55793
UniProt ID:	<u>Q8N5J2</u>
Cytogenetics:	1q21.3
Domains:	DUF544
MW:	51.8 kDa
Gene Summary:	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] Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1. Variants 1 and 6 encode the same isoform (1).