

## Product datasheet for **MC218731**

### Mndal (NM\_001170853) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mndal (NM_001170853) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mndal
Synonyms:	100040462; Gm2785; Ifi212
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC218731 representing NM\_001170853  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCCC

ATGGCTGAATACAAGAAAATTGTTCTTCTAAAAGGATTAGAAAGCATGGAGGACTATCAGTTTAGGACAG  
 TCAAGTCCTACTAAGAAAAGAAGCTAAAACCTACTAAAAAATTGCAAGAAGATTATGATAGGATTACGCT  
 GGCGGACTGGATGGAGGACAAGTTCCTCCAAATATGCTGGACTAGACAAACTGATAAAAGTGTGTGAGCAC  
 ATAAAAGATCTTAAAGACCTTGCTAAAAAAGCTAAAACCGAGAAGGCAAAAGTTCAAAGAAAAAGCAAG  
 GAAAATGCAAAACGGCTGTGAAAAAAAAGGTCAAGATGAACTCAGTTCCCGAATCTCTTTTCATCAA  
 TAAAGAATCATACAAGAGTGTACCGTCTCAAAGAAAAAGGAAAAAGCGATCGCAAAACTGAAGGTGAA  
 AAAAAAATAAGCTCACCCAGGATCAGGATCATCTCCAGAACTTCAGGAACCGATATAAAACAGAGG  
 AAGATTGTCTCCAGAATTCTCCTAAGCCTCCACCAACATCACCCAGCAGTTCTCAAACAAGAAAAAGAG  
 AAAAGAGATCACAAAACTGAAGGTGGAAGAAAAAGAAAGCTCACCCAGGAGCAGGCTCAGTTCCAGAA  
 CCTTTAGGAACTGATATAAAAAAGGATGAAGATTGCCTCCAGACTCCTCCTAAGCCTCCACCAACACCAC  
 CCAGCAGTTCTTAAACAAGAAAAGAAAAAGTAGGAGAGAAGAAGAGACTGGAGTGAAAAAGAGCAAGGC  
 GGCTAAGGAACCAGATCAGCCTCCCTGTTGTGAAGAACCACAGCCAGGTGCCAGTACCAATACTCCAC  
 AGCTCATCTTCAGCTTCTAACATTCCTTCAGCTACGAACCAAAAACCACAACCCAGAACCCAGAACCA  
 TTCCCAGAGGTGCTGTTCTCCACTCAGAGCCCTGACAGTGATGGTGCTCACTGCAACAGACCCGTTTGA  
 ATATGAATCACCAGAACATGAAGTAAAGAACATGTTTCATGCTACAGTGGCTACAGTGAGCCAGTATTT  
 CATGTGAAAGTTTTCAACATCAACTTGAAGAGAAGTTCACAAAAAGAATTTTATCATCATATCCAATT  
 ACTTTGAGAGCAAAGGCATCCTGGAGATCAATGAGACTTCTCTGTGTTAAAGGCTGATCCTGACCAAAT  
 GATTGAAGTGCCCAACAATATTATCAGAAATGCAATGCCAGTCCCTAAGATCTGTGATATTCAAAGGGT  
 ACTTCTGGAGCAGTGTTCTATGGAGTGTTTACATTACACAAGAAAAAAGTAAAAACAGAACACAAAGCT  
 ATGAAATAAAAGATGGTTCAGGAAGTATAGAAGTGGAGGGGAGTGGACAATGGCACAACATCAACTGTAA  
 GGAAGGAGATAAGCTCCACCTCTCTGCTTTCACCTGAAAAGAGAAAGAGGACAACCAAAGTTAGTGTGT  
 GGAGACCACAGTTTCGTCAAGATCAAGGTACCAAGGCTGGGAAAAAAAAGGAAGCATCAACTGTCCTGT  
 CAAGCACAAAAATGAAGAAGAAAATAATTACCCAAAAGATGGAATTAAGGTAGAGATGCCAGACTATCA  
 CGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** AscI-MluI

**ACCN:** NM\_001170853

**Insert Size:** 1617 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\\_001170853.1](#), [NP\\_001164324.1](#)

**RefSeq Size:** 1930 bp

**RefSeq ORF:** 1617 bp

**Locus ID:** 100040462

**UniProt ID:** [D0QMC3](#)

**Cytogenetics:** 1

**Gene Summary:** Suppresses cell growth when expressed ectopically.[UniProtKB/Swiss-Prot Function]