

Product datasheet for **MC229214**

Mib2 (NM_001256107) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mib2 (NM_001256107) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mib2
Synonyms:	2210008I11Rik; skd; Zzank1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229214 representing NM_001256107
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACCTGGACCCCATGCAGGTGTGCAGGTGGGCATGCGTGTGGTACGCGGAATGGACTGGAATGGG
 GCCAGCAGGATGGAGGTGAGGGCGGTGTGGGCACCGTGGTGGAGCTTGGCCGCCATGGCAGCCCCTCGAC
 CCCCAGCCGTACAGTTGTCGTTCACTGGGACCAGGGCACACGTACCAACTATCGAGCTGGCTACCAAGGT
 GCCCATGACCTGTTGCTCTATGACAACGCCAAATCGGTATCCGCCACCCCAATATCATCTGTGACTGCT
 GCAAGAAACATGGGCTTCGGGGCATGCGTTGGAAGTGCCGCGTCTGCTTTGACTATGACCTCTGCACACA
 GTGCTACATGCACAACAAGCATGACCTGACCCATGCCTTCGAGCGCTATGAGACATCTCACTCACGCCC
 GTTACGCTGAGCCCCGACAGGGCTCCCTCGGATCCCACTGAGGGGCATCTTCAAGGAGCTAAGGTGG
 TACGAGGCCCTGACTGGGAATGGGGCTACAAGATGGAGGGGAAGCAAGACAGGTGCTGTGGTGGACAT
 CCGTGGCTGGGATGTGGAGACAGGCCAAGTGTGGCCAGTGTGACGTGGGCAGATGGAACCACGAACGTG
 TACCGAGTGGGCCACAAGGGCAAGGTGGATCTCAGATGTGTTGGTGGAGCAGCTGGCGGCTTTACTACA
 AGGAGCACCTCCCAAAGCTTGGCAAGCCAGCAGAGCTGCAGCGCAGGGTGTGCTGATGGCCAGCCCTT
 CCAGCGTGGGGACAAGGTCAAGTGTCTGCTGGACACAGATGTCCTAAGGGATATGCAAGAAGGCCATGGT
 GGCTGGAACCCTAGGATGGCAGAGATGGCACCCTGCACCGCATCACAGACCGTGGGGACGTGCGTGTGC
 AGTTCAACCACGAGACCCGCTGGACCTCCACCCTGGGGCTCTCACCAAGCACAACAGCTTCTGGGTGGG
 TGATGTGGTCCGGTTCATCGGTGACCTTGACACTGTGAAGCGACTTCAGGCCGACATGGTGAATGGACC
 GACGACATGGCTCCCGCCTGGGCCGAGTGGGAAAGTGGTGAAGGTGTTGGAGATGAAACTTGCCTG
 TGCCGGTGGCGGTGAGCGGTGACCTTCAGCCCTCTTGCCCTAGTGGCCTACCGCCCTGAGGAAGACGC
 CAACCTGGATGTGGCTGAGCGTGGCAGAGAGAACAAGCTCACTGAGTGTGGCCCTGGACAAGCTTCGG
 ACCCAGAAGAGTGACCCAGAGCACCCGGGAGGCTGGTAGTAGAGCCGCACTAGGAAATGTAGCCCGGG
 CTCTAGATCTTCTGCGGAGGCATCCAGAGCAGGTGGACACCAAGAACCAGGGTAGAACTGCCCTGCAGGT
 GGCTGCTTACCTGGGCCAGGTAGAGCTGGTGGCGCTGCTGCTGCAGGCAAGAGCAAGTATGGACCTGCCG
 GATGATGAGGGCAACACTGTGCTGCACTACACAGCCATGGGGAACCAGCCTGAGGCCACAAGGGTGTCC
 TGAGTGCAGGGTGTGCAAGTGTGCTCGGAATGGCACACGCAGCAGCCCTACATGTGGCTGTACAGAG
 GGGCTTCTAGAGGTGGTAAAGATCCTGTGTGAACGTGGTGTGATGTCAACTTGCCGGATGCGCATGCA
 GACACACCCTGCATTCTGCCATCTCTGCTGGTGTGGTCCAGCAGCATTGTTGAAGTCTCACCGAGG
 TCCTGGCATCGATGTCAGTCTACCAATAGCCAGGGCTTCACACTGCTACACCATGCATCCCTCAAGGG
 CCATGTGCTAGCAGTCAAGGAAGATTCTGGCAAGGGCCCGCAGCTGGTGGATGCCAAGAAGGAGGATGGC
 TTTACCGCACTGCATCTGGCAGCCCTCAACAACCACCGGGAGGTGGCCAGGTCTAATCCGAGAGGGTCT
 GCTGTGATGTGAATGTGCGGAACCGGAAGCTTCAGTCTCCACTTCATCTGGCTGTACAGCAGGCCACCT
 GGGGCTGGTACCCTGCTAGTGGACGCAGGCTGCAGTGTCAACACGGAGGACGAGGAGGGTGCACGGCC
 CTGCATGTGGCACTACAGCGTACCAGCTGTTGCCCTTGTGGCTGACAGGGCTGGGGGAGACCCAGGGC
 CCTTGCAGCTGCTGTCAAGGCTACAGGCCTCAGGCCTCCAGGCTGCACAGAGTTGACTGTAGGCGCTGC
 AGTGGCCTGCTTCTGGCGTTGGAGGGTGTGATGTGAGCTACGCAAAACCACCGCGCCGAGCCCACTG
 GACCTGGCCACAGAGGGCCGAGTGTCAAGGCCTTGCAGGGCTGTGCCAGCGCTTCAGGGAGCGACAGG
 CAGGTGGCGGTGGGGTGTGCCCGGGCCCCCGCATGTGCTGAGTACTCCTAACCCGTGACGAACCT
 GCACGTGTCTGGCACGGCAGGGCCAGAAGCTGCCGAGTGCCTGGTGTGCTCGGAGCTGGCATTGCTAATT
 CTGTTCTACCGTGTGACACCGCACAGTGTGTGAGGAGTGCCTCGAAGGATGAAGAAGTGTATCAGGT
 GCCAGGTGGTTCATCAGCAAGAAGCTCCGCCAGACGGCTCAGAGGTGGTAAATGCCATCCAGGTGCCCGG
 CCCGCTCGGCAACTGGTGGAGGAGCTACAGAGCCGCTACAGGCAGATGGAGGAGCGCATCACCTGCCCC
 ATCTGCATCGACAGCCACATCCGCTGGTGTCCAGTGGCCATGGAGCGTGGCGCCCTGTGGCGCC
 CGCTAACGCCTGCCCATCTGCCGCCAGCCATCCGCGACCGCATTAGATCTTCGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001256107
Insert Size:	2862 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001256107.1, NP_001243036.1</u>
RefSeq Size:	4019 bp
RefSeq ORF:	2862 bp
Locus ID:	76580
Cytogenetics:	4 E2
Gene Summary:	<p>E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1), as well as variant 4, encodes isoform 1.</p>