

Product datasheet for **MC222645**

Mib2 (NM_145124) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mib2 (NM_145124) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mib2
Synonyms:	2210008I11Rik; skd; Zzank1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC222645 representing NM_145124
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACCTGGACCCCATGCAGGTGTGCAGGTGGGCATGCGTGTGGTACGCGGAATGGACTGGAATGGG
 GCCAGCAGGATGGAGGTGAGGGCGGTGTGGGCACCGTGGTGGAGCTTGGCCGCCATGGCAGCCCCTCGAC
 CCCCAGCCGTACAGTTGTCGTTCACTGGGACCAGGGCACACGTACCAACTATCGAGCTGGCTACCAAGGT
 GCCCATGACCTGTTGCTCTATGACAACGCCAAATCGGTATCCGCCACCCCAATATCATCTGTGACTGCT
 GCAAGAAACATGGGCTTCGGGGCATGCGTTGGAAGTGCCGCGTCTGCTTTGACTATGACCTCTGCACACA
 GTGCTACATGCACAACAAGCATGACCTGACCCATGCCTTCGAGCGCTATGAGACATCTCACTCACGCCC
 GTTACGCTGAGCCCCGACAGGGCTCCCTCGGATCCCACTGAGGGGCATCTTCAAGGAGCTAAGGTGG
 TACGAGGCCCTGACTGGGAATGGGGCTCACAAGATGGAGGGGAAGCAAGACAGGTGCTGTGGTGGACAT
 CCGTGGCTGGGATGTGGAGACAGGCCAAGTGTGGCCAGTGTGACGTGGGCAGATGGAACCACGAACGTG
 TACCGAGTGGGCCACAAGGGCAAGGTGGATCTCAGATGTGTTGGTGGAGCAGCTGGCGGCTTTACTACA
 AGGAGCACCTCCCAAAGCTTGGCAAGCCAGCAGAGCTGCAGCGCAGGGTGAAGTGTGATGGCCAGCCCT
 CCAGCGTGGGGACAAGGTCAAGTGTCTGCTGGACACAGATGTCCTAAGGGATATGCAAGAAGGCCATGGT
 GGCTGGAACCCTAGGATGGCAGAGCACAACAGCTTCTGGGTGGGTGATGTGGTCCGGGTCATCGGTGACC
 TTGACACTGTGAAGCGACTTCAGGCCGGACATGGTGAATGGACCAGCAGCATGGCTCCCGCCCTGGGCCG
 AGTGGGAAAAGTGGTGAAGGTGTTGGAGATGGAAGTTCGCTGTGGCGGTTGGCGGTGACGGTGGACC
 TTCAGCCCCTCTGCCTAGTGGCTACCGCCCTGAGGAAGACGCCAACCTGGATGTGGCTGAGCGTGCCA
 GAGAGAACAAAAGCTCACTGAGTGTGGCCCTGGACAAGCTTCGGACCCAGAAGAGTGAACCCAGGCCAC
 GGGGAGGCTGGTAGTAGAGGCCGCACTAGGAAAATGTAGCCGGGCTCTAGATCTTCTGCGGAGGCATCCA
 GAGCAGGTGGACACCAAGAACCAGGGTAGAAGTGCCTGCAGGTGGCTGCTTACCTGGGCCAGGTAGAGC
 TGGTGGGCTGCTGCTGCAGGCAAGAGCAAGTATGGACCTGCCGGATGATGAGGGCAACACTGTGCTGCA
 CTACACAGCCATGGGGAACCAGCCTGAGGCCACAAGGGTCTCCTGAGTGCAGGGTGTGCAGTGGATGCT
 CGGAATGGCACACGCAGCACAGCCCTACATGTGGCTGTACAGAGGGGCTTCTAGAGGTGGTAAAGATCC
 TGTGTGAACGTGGTTGTGATGTCAACTTGCCGGATGCCATGCAGACACACCCCTGCATTCTGCCATCTC
 TGCTGGTGTGGTCCAGCAGCATTGTTGAAGTCTCACCGAGGTCCCTGGCATCGATGCTACTGCTACC
 AATAGCCAGGGCTTCACACTGCTACACCATGCATCCCTCAAGGGCCATGTGCTAGCAGTCAGGAAGATTC
 TGGCAAGGGCCCCGACGCTGGTGGATGCCAAGAAGGAGGATGGCTTACCAGCATGCATCTGGCAGCCCT
 CAACAACCACCGGAGGTGGCCAGTCCATAATCCGAGAGGGTCGCTGTGATGTGAATGTGCGGAACCGG
 AAGCTTCACTCCACTTCATCTGGCTGTACAGCAGGCCACCTGGGGCTGGTACCCTGCTAGTGGACG
 CAGGCTGCAGTGTCAACACGGAGGACGAGGAGGGTGCACGGCCCTGCATGTGGCACTACAGCGTACCA
 GCTGTTGCCCTTGTGGCTGACAGGGCTGGGGGAGACCCAGGGCCCTGCAGTGTCTCAAGGCTACAG
 GCCTCAGGCCCTCCAGGCTGCACAGAGTGTACTGTAGGCGCTGCAGTGGCTGCTTCTGGCGTTGGAGG
 GTGCTGATGTGAGTACGCAAACCACCGCGCCGGAGCCCACTGGACCTGGCCACAGAGGGCCGAGTCT
 CAAGCCCTTGCAGGGCTGTGCCAGCCTTCAGGGAGCGACAGGCAGGTGGCGGTGGGGTGTGCCCCG
 GGCCCCGGCATGTGCTGAGTACTCCTAACACCGTGACGAACCTGCACGTGTGGCACGGCAGGGCCAG
 AAGCTGCCGAGTGCCTGGTGTGCTCGGAGCTGGCATTGCTAATTCTGTTCTCACCGTGTACGACCCGCAC
 AGTGTGTGAGGAGTGCCTCGAAGGATGAAGAAGTGTATCAGGTGCCAGGTGGTCACTCAGCAAGAAGCTC
 CGCCAGACGGCTCAGAGGTGGTAAATGCCATCCAGGTGCCCGGCCCTCGGCAACTGGTGGAGGAGC
 TACAGAGCCGCTACAGGCAGATGGAGGAGCGCATACCTGCCCATCTGCATCGACAGCCACATCCGCT
 GGTGTTCCAGTGCGGCCATGGAGCGTGCAGCCCTGTGGCCCGCGCTTAACGCTGCCCATCTGCCG
 CAGCCCATCCGCGACCGCATTAGATCTTCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_145124
Insert Size:	2766 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:	NM_145124.3 , NP_660106.2
RefSeq Size:	3923 bp
RefSeq ORF:	2766 bp
Locus ID:	76580
UniProt ID:	Q8R516
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 (2) lacks an in-frame exon in the 5' coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1. Variants 2, 3, 5, and 6 all encode the same isoform (2).</p>