

Product datasheet for **SC329268**

MIB2 (NM_001170687) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIB2 (NM_001170687) Human Untagged Clone
Tag:	Tag Free
Symbol:	MIB2
Synonyms:	ZZANK1; ZZZ5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001170687, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGGGCGCTCCGGCGGGGGCGGGCCCTGGGCTCCCGCCCTTCGGGTCCCACAGTT
TCCAGCCGCCCGCTCTCCTCAGTGCCCGGTGGCCAGGAGGGCCTGGGAGCCCCGAAGCCGT
CCCCGAGTCGCTCCTAGGTCAGTGGCGCGATGCGGGCCGTCTCTCGGCTGATGGTTGG
AAGCCCAGCGAGGCTAGAGGCCAGTCCCAAAGTTTCCAGGCATCAGGGCTGCAGCCAGG
AGCCTCAAGGCGGCCCGGGCGGCGACTGGACGGCCGGACAGGTCCCGAGCAGCCCCGCC
AACATGGACCCAGACCCCGAGGGCGGCGTGCAGGTGGGCATGCGGGTGGTGCAGGGCGT
GACTGGAAGTGGGGCCAGCAGGACGGCGGGCAGGGCGGCGTGGGCACGGTGGTGGAGCTT
GGCCGCCACGGCAGCCCTCGACACCCGACCGCACAGTGGTCTGTCAGTGGGACCAGGGC
ACGCGCACCAACTACCGCGCCGGCTACCAGGGCGCGCACGACCTGCTGTGTACGACAAC
GCCCAGATCGGGCTCCGGCACCCCAACATCATCTGTGACTGCTGCAAGAAGCAGCGGGCTG
CGGGGGATGCGCTGGAAGTGCCGTGTGTGCCTGGACTACGACCTCTGCACGCAGTGCTAC
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CCTGTCACTGAGTCCCCGCCAGGGCCTCCCAGGATCCCCTAAGGGGCATCTTCCAG
GGAGCGAAGGTGGTGGAGGGCCCCGACTGGGAGTGGGGCTCACAGGATGGAGGGGAAGGG
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AGCGTGACGTGGGCTGATGGTACCACCAATGTGTACCGTGTGGCCACAAGGGCAAGGTG
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GGGACAAGGTCAAGTGTCTGCTGGACTGATGTCTGCGGGAGATGCAGGAAGGCCAC
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GGGGCGCTACCAAGCACCCTCTTCTGGGTGGGCGACGTGGTCCGGGTGCATCGGGCAG
CTTGACACAGTGAAGCGGCTGCAGGCTGGGCATGGCGAGTGGACGGACGACATGGCCCT
GCCCTGGGCCCGCTCGGGAAGGTGGTAAAAGTGTGGAGACGGGAACCTGCGTGTAGCA
GTCGCTGGTCAGCGGTGGACCTCAGCCCTCCTGCCTGGTGGCCTACCGCCCCGAGGAG

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GATGCCAACCTGGACGTGGCCGAGCGCGCCCGGAGAAACAAAAGCTCACTGAGCGTGGCC
 CTGGACAAGCTTCGGGCCAGAAGAGTGACCCAGAGCACCCGGGAAGGCTGGTGGTGGAG
 GTGGCGCTGGGTAAACGCAGCCCGGGCTCTGGACCTGTGCGGAGGCGCCAGAGCAGGTG
 GACACCAAGAACCAAGGCAGGACCGCTCTGCAAGTGGCTGCCTACCTGGGCCAGGTGGAG
 TTGATACGGCTGCTGCTACAAGCCAGGGCGGGCGTGGACCTGCCGGACGACGAGGGCAAC
 ACGGCACTGCACTACGCGGCCCTGGGGAACCCAGCCGAGGCCACCAGGGTGTCTCTGAGT
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 CAGAGGGGCTTCTGGAGGTGGTGGGGCCCTGTGTGAGCGCGGCTGTGACGTCAACCTG
 CCCGACGCCCACTCGGACACGCCCTGCACTCCGCCATCTCGGGGGCACTGGAGCCAGC
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 CACGTGGGGTGGTGCCCTACTGGTGGACGCTGGGTGCAGTGTCAACCGGAGGACGAG
 GAGGGGGACACAGCCCTGCACGTGGCGTGCAGGTCATCAGCTGCTGCCCTGGTGGCT
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 GGCGCCGACGTGAGCTACACCAACCACCGCGGTGGGAGCCCGTGGACCTGGCCGCCGAG
 GGTGCGTGTCAAGGCCCTTACGGGCTGCGCCAGCGCTTCCGGGAGCGGCAGGCGGGC
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 ATGAAGAAGTGATCAGGTGCCAGGTGGTGCAGCAAGAACTGCGCCAGACGCTCT
 GAGGTGGCGAGCGCCCGCCCGCCCGCCCGCGCGCCAGCTGGTGGAGGAGTGCAG
 AGCCGCTACCGGAGATGGAGGAACGCATCACCTGCCCATCTGCATCGACAGCCACATC
 CGCCTCGTGTCCAGTGCAGGCCAGGCGCATGCGCCCTGCGGCTCCGCGCTCAGCGCC
 TGCCCATCTGCCCGAGCCATCCGCGACCGCATCCAGATCTTCGTGTGA

Restriction Sites:

Please inquire

ACCN:

NM_001170687

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: [NM_001170687.1](#), [NP_001164158.1](#)

RefSeq Size: 3308 bp

RefSeq ORF: 3171 bp

Locus ID: 142678

UniProt ID: [Q96AX9](#)

Cytogenetics: 1p36.33

Gene Summary: The protein encoded by this gene is an E3 ubiquitin protein ligase that mediates ubiquitination of proteins in the Notch signaling pathway. The encoded protein may be a suppressor of melanoma invasion. [provided by RefSeq, Mar 2017]
Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in an isoform (3) that is shorter than isoform 1.