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Product datasheet for RC230630

MIB2 (NM_001170687) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIB2 (NM_001170687) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MIB2
Synonyms:	ZZANK1; ZZZ5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC230630 representing NM_001170687
Red=Cloning site Blue=ORF Green=Tags(s)

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ATGGCGGGGGCGCTCCGGCGGGGGCGGGCCCTGGGCTCCCGCCCTTCGGGTCCCACAGTTTCCAGCCGCC
GCTCTCCTCAGTGCCCGGTGGCCCAGGAGGGCCTGGGAGCCCGAAGCCGTCCCCGAGTCGCTCCTAGGTC
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TCCTGCCTGGTGGCCTACCGGCCCGAGGAGGATGCCAACCTGGACGTGGCCGAGCGCGCCCGGGAGAACA
AAAGCTCACTGAGCGTGGCCCTGGACAAGCTTCGGGCCCAGAAGAGTGACCCAGAGCACCCGGGAAGGCT
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence:

>RC230630 representing NM_001170687
Red=Cloning site Green=Tags(s)

MAGALRRGRALGSRPSGPTVSSRRSPQCPVAQEGLGARSRPRVAPRSLARCGPSSRLMGWKPSEARGQSQ
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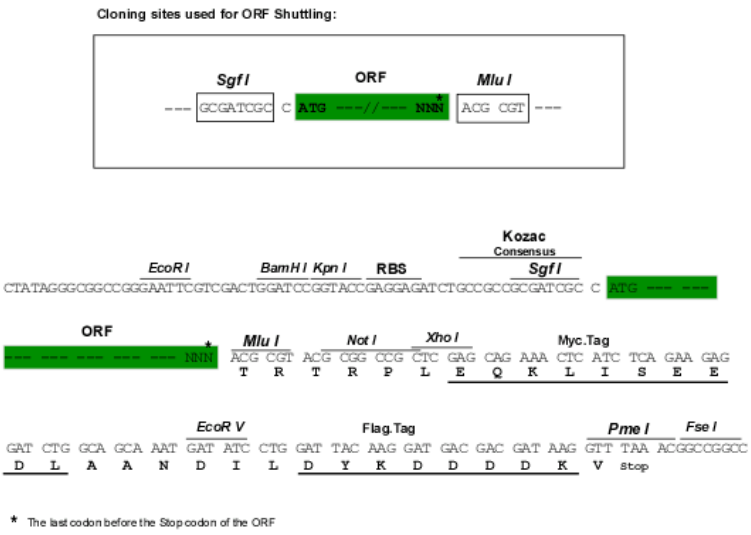
Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN:	NM_001170687
ORF Size:	3168 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001170687.1, NP_001164158.1
RefSeq ORF:	2868 bp
Locus ID:	142678

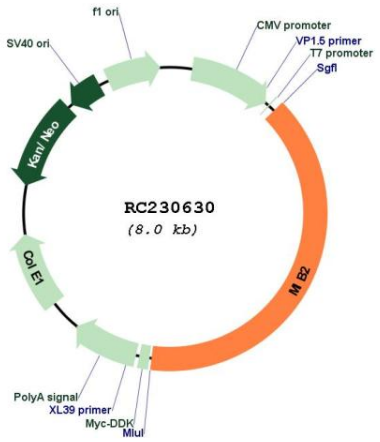
UniProt ID: Q96AX9

Cytogenetics: 1p36.33

MW: 114.8 kDa

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]

Product images:



Circular map for RC230630