

Product datasheet for MR227236

Mib1 (NM_144860) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mib1 (NM_144860) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mib1
Synonyms:	DIP-1; E430019M12Rik; Mib; mKIAA1323
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR227236 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAACTCCCGAACAACCGAGTGATGGTGGAGGGGGTGGCGCCCGCTAGTGC GCGGCCCGGACT
GGAAGTGGGGCAAGCAGGACGGCGGGCGAGGGCCATGTAGGCACTGTACGGAGCTTCGAGAGTCCGGAGGA
GGTCGTGGTGGTGTGGGACAACGGCACGGCCGCAACTACCGCTGCTCAGGGGCTACGACTGCGTATC
CTGGACAGCGCGCCACCAGGCATCAAGCATGATGGAATATGTGTGATACCTGCCCCAGCAACCAATCA
TTGGCATTTCGATGAAATGTGCAGAGTGCACCAATTATGATTTGTGCACTGTTTGTATCATGGAGATAA
ACATCACTTAAGGCATCGCTTTATAGGATTACTACACCAGGAAGTGAACGGGTTCTGTTAGAGTCTCGT
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CAGCCACACAGTGCAGCCTATGTTCTCTGGGATAACGGTGCTAAGAACCTTTACAGGGTTGGCTTTGAG
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ACAACCTGGAACCGTCTGTGGCATTGATGAAGATCATGACATTGTAGTACAGTATCCAAGTGGCAATAGAT
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GAAGCAGAGGATAAAGATGGAGATCGAGCCGTTACCATGCAGCCTTTGGAGATGAGGGTCTGTACATAG
 AAGTCCTACACCGAGGCAGTGTGACCTGAATGCTCGTAATAAGCGTAGACAGACGCCTCTTCATATTGC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR227236 protein sequence
 Red=Cloning site Green=Tags(s)

MSNSRNNRVMVEGVGARVVRGPDWKWKGQDGGEGHVGTVRSFESPEEVVVWDNGTAANYRCSGAYDLRI
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 RKSKKITARGIFAGARVVRGVDWQWEDQDGGNGRRGKVTEIQDWSASSPHSAAYVLWDNGAKNLYRVGFE
 GMSDLKCVQDAKGSFYRDHCPVLGEQNGNRNPGGLQIGDLVNIIDLLEIVQSLQHGHGGWTDGMFETLT
 TTGTVCGIDEDHDIVVQYPSGNRWFNPVAVLTKANIVRSGDAAQGAEGGTSQFQVGDLVQVCYDLERIKL
 LQRGHGEWAEAMLPTLGKVGVRVQIYSDSLKVEVCGTSWTYNPAAVSKVAPAGSAISNASGERLSQLLK
 KLFETQESGDLNEELVAAAANGDVAKVEDLLKRPDVDVNGQCAGHTAMQAASQNGHVDILKLLKQNVQV
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 KKGQSPDLCPDPSLCKALAKCHKEKVGKVGSRSPSMISNDSETLEECMVCSDMKRDTLFGPCGHIATC
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Locus ID: 225164

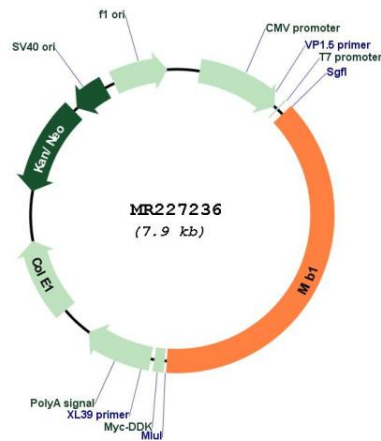
UniProt ID: [Q80SY4](#)

Cytogenetics: 18 A1

MW: 110.1 kDa

Gene Summary: 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. Involved in ubiquitination of centriolar satellite CEP131, CEP290 and PCM1 proteins and hence inhibits primary cilium formation in proliferating cells. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation (By similarity). Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227236