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Product datasheet for MC205915

Madd (NM_145527) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Madd (NM_145527) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Madd
Synonyms:	9630059K23Rik; IG20
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC063386

CGCCCCGCCGCCGGCCGGGAGACGTCGGGTGGGCCTGGCAGCCTCCTCCGAGAATTATATCAGAATTCCT
CCTGGGAATGCTGGCTTCTTGCTCAGTGCCCTGAAGTTTCTCTGCAATGAACTGACAAATCGGAACCATG
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ACAGTGTGGCTCAGACTCCTGAGCTGCTGCGGAGGTACCCACTAGAGGATCACCCAGAGTTCCCCCTGCC
CCCAGATGTGGTGTTCTTCTGCCAGCCAGAAGGATGTCTGAGTGTGCGGCAGCGGCGGATGAGCCTTCGG
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TGAGAAACTGGCCAGGACCCAAGCTGTGGAGTATTTTGGAGAATGGATCCTGAACCCTTCTAACTATGCC

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TTCCAGCGGATTCACAACAATACGTTTGATCCGGCCCTTATTGGTGACAAGCCAAAGTGGTACGCTCACC
AGCTGCAGCCCATCCATTATCGAGTCTATGATGGCAACTCTCAGCTGGCCGAGGCCCTGAGTGTGCCCCC
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CTCCAGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGGTGTGTGGTGTGTGTG
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AGGTTCAAAGGAAGCTCAGTAAGTGGTGGGCGACCTTCCTGCTTCCTCACAGTTTCTAAACTGTGGGTGC
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TCTGCAGGCAGAGTCTCCTGGCTTCAGTGCCAGAAGAAAGCTATGGACTGGATAGGAGGAGAATGTAAAT
ATTTCAGCTCCACATTATTTATAGAAAAATGTACAGCTGTGTGATGTGAAATAAATGTCCTGAACTCCAA AAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145527

Insert Size: 4677 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:
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: BC063386, AAH63386

RefSeq Size: 5895 bp

RefSeq ORF: 4677 bp

Locus ID: 228355

UniProt ID: Q80U28

Cytogenetics: 2 E1

Gene Summary: Plays a significant role in regulating cell proliferation, survival and death through alternative mRNA splicing. Converts GDP-bound inactive form of RAB3A, RAB3C and RAB3D to the GTP-bound active forms. Component of the TNFRSF1A signaling complex: MADD links TNFRSF1A with MAP kinase activation. Plays an important regulatory role in physiological cell death (TNF-alpha-induced, caspase-mediated apoptosis).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (9) lacks one exon and uses an alternate splice site in the coding region, compared to variant 10. The resulting isoform (9) differs at two internal portions, compared to isoform 10.