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Product datasheet for RN210404

Madd (NM_053585) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Madd (NM_053585) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Madd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210404 representing NM_053585 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGTGCAAAAGAAGTTCTGCCCTCGGTTACTTGACTATCTAGTGATCGTAGGGGCCAGGCATCCAAGCA GTGACAGTGTGGCTCAGACTCCTGAACTTCTGCGGAGGTACCCACTAGAGGACCACCCGGAGTTTCCCCT GCCCCCAGATGTGGTGTTCTTCTGCCAGCCAGAGGGATGTCTGAGCGTGCGGCAACGGCGCATGAGCCTC CGAGATGATACCTCTTTTGTCTTCACCCTAACCGATAAGGACACTGGAGTCACCCGTTATGGCATCTGTG TCAACTTCTACCGTTCCTTTCAAAAGCGAATGCCAAAGGAAAAGGCGGAAGGCGGAGCAGGACCCCGTGG GAAGGAAGGAGCTCATGCCCCCTGTGCCTCAGAAGAGGCCGCCACCGAGAGCTCAGAGAGTGGCTCAACC TTGCAGCCTCCTAGTGCTGACTCCACTCCTGACGTAAACCAGTCTCCTCGGGGCAAACGTAGGGCAAAAG CAGGCAACCGCTCCCGAAACAGTACCCTGACATCCCTGTGTGTGCTTAGCCACTACCCTTTCTTCTCTAC CTTCAGAGAGTGTCTGTATACTCTCAAACGTCTGGTAGACTGCTGTAGTGAACGGCTCCTAGGCAAGAAA CCGGGCATCCCTCGAGGTGTACAAAGGGACACCATGTGGCGAATCTTTACTGGATCACTGCTAGTGGAGG AGAAGTCCAGTGCCCTTCTGCATGACCTTCGAGAGATCGAGGCCTGGATCTATCGGTTGCTACGCTCCCC GGTGCCTGTCTCTGGGCAGAAGCGAGTGGACATTGAGGTCCTACCCCAGGAAGTGCAGCAGGCCCTGACA TTTGCTCTTCCAGATCCATCCCGGTTCACCCTAGTAGATTTCCCTCTTCACCTTCCCTTGGAACTTCTGG GTGTAGATGCTTGTCTTCAGGTGCTAACCTGCATCCTGTTGGAGCACAAGGTGGTGCTACAGTCTCGAGA CTACAACGCACTCTCCATGTCTGTGATGGCGTTTGTGGCAATGATCTACCCCCTGGAGTACATGTTCCCT GTCATCCCGCTGCTTCCCACCTGCATGGCTTCGGCAGAGCAGCTACTCTTGGCTCCAACCCCATATATCA TTGGAGTCCCTGCCAGCTTTTTCCTCTATAAGCTAGACTTCAAAATGCCTGATGACGTGTGGCTGGTGGA TCTGGACAGCAACAGGGTGATTGCCCCCACCAATGCAGAAGTGCTACCCATCCTGCCAGAACCGGAATCA TTAGAGCTGAAAAAACACTTAAAGCAGGCTCTAGCCAGCATGAGTCTCAACACCCAGCCCATTCTTAATC TGGAGAAATTCCATGAGGGCCAGGAGACACCACTTCTCTTGGGAAGGTTTTCTAATGACCTTCAGTCTAC ACCTTCCACTGAATTCAACCCACTCATTTATGGCAATGATGTAGATTCAGTCGATGTTGCAACGAGAGTG GCCATGGTTCGTTTCTTCAACTCTGCTAACGTGCTGCAGGGCTTTCAGATGCACACACGTACCCTGCGAC TCTTCCCCCGGCCCGTGGTTGCCTTCCAAGCTGGCTCCTTTCTGGCCTCACGCCCCCGGCAGACCCCCTT TGCTGAGAAACTGGCCAGGACTCAAGCCGTGGAGTACTTTGGAGAATGGATCCTGAACCCTTCTAACTAT

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GCCTTCCAGCGGATTCACAACAATACGTTTGATCCAGCCCTCATTGGTGACAAGCCTAAGTGGTACGCTC
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TAGCAGTGAAGAAGACCTCCGAACCCCACCTCGGCCTGTCTCTAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053585

Insert Size:	4809 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:	NM_053585.1, NP_446037.1
RefSeq Size:	5249 bp
RefSeq ORF:	4809 bp
Locus ID:	94193
UniProt ID:	O08873
Cytogenetics:	3q24
Gene Summary:	GDP/GTP exchange protein (GEP) for Rab3 subfamily small G proteins; may play a role in intracellular vesicle trafficking [RGD, Feb 2006]