

Product datasheet for **RN204329**

Myadml2 (NM_001128185) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myadml2 (NM_001128185) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Myadml2
Synonyms:	RGD1311499
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204329 representing NM_001128185 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGCAGCACCATGGAGCCCCGGGGGTGCATACCTGCACTTAGGCGCTGTGACCTACCCAGTGGGTA
 CAGCCCGAATGCTGCACTGGCCTTTGGCTGTACCACTTCAGTTTGGTTGCTCACCGAGGTGGTTTTGG
 GGGCGTGAGGGCACTTTCTGCATGGCTGCTTGGGGCTTCTGTTTGCCTTCTCGGTCCTGGTGGTAGCC
 TGTGAGTTCACAAGGCTCCACAGCTGCCTGCGCCTTCTGGGGCACTTCACAGCAGCCTTCGCCATGT
 TGGCGACCCTGCTGTGTGCCACAGCCGCTGTCATCTACCCTCTGTACTTCACCCGACTGGAGTGCCACC
 TGAGCCTGCCGGATGTATGGTCCGAACTTCCGCCTGGCAGCCAGCGTCTTCGAGGACTCCTCTTCTG
 GCCTATGCTGCTGAAGTTGCCCTGACTCGGGCCCGGCCAGGTGAGGTAGCCAGCTATATGGCTACAGTGT
 CCGGGCTGCTTAAGATCGTCCAGGCCTTTGTGGCTTGATCATCTTTGGAGCACTTGTCACGAGAGTCTG
 CTACGGGCGCTACGTGGCCACGCAGTGGTGTGTGGCTGTCTACAGCCTGTGCTTCATGGCCACAGTGGCT
 GTGGTGGTCTAAGTGTGATGGGACACAGGGGGCTGGGGTGGCCGTTTGACCGCCTAGTGGTAGTGT
 ATACCTTCCTGGCTGTGCTCCTATACCTCAGTGCCGAGTCATTTGGCCAGTCTTCTGTTTCGACCCCAA
 GTACGGGGAGCCAGGGCGGCCCTCGGACTGCCCCGAGGCAGCTGCCCTGGGACAGCCAGTTGGTGGTA
 GCTATTTTCACCTACGTCAACCTGCTCCTTTACATCGTAGACCTCGCTTACTCCAGAGGATCCGCTTCG
 TGCCACCCCTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001128185


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Insert Size:	924 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:	<u>NM_001128185.1</u> , <u>NP_001121657.1</u>
RefSeq Size:	1666 bp
RefSeq ORF:	924 bp
Locus ID:	303744
UniProt ID:	<u>B2RZ87</u>
Cytogenetics:	10q32.3