

Product datasheet for **MC200525**

Adrm1 (NM_019822) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adrm1 (NM_019822) Mouse Untagged Clone
Tag: Tag Free
Symbol: Adrm1
Synonyms: 1110063P18Rik; 2510006J17Rik; AA408205; ARM-1; Arm1; AU043535; Gp110; Rpn13
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC008974 sequence for NM_019822
 GCGGGCGGGCCAAGCACGGGCTTCCGGCGAGGCCGGCAGGCGCCGAGGAGGAAGAGCGAGCCCGGACG
 GTGCCCCTAGGCCGAGTGTGAGCACCGCCAGGATGACACTTCAGGCGCTCTGTTCCTCAAGCCTGGTGCC
 CGGCTCTCGGGGTCTTCTACCAAATATTTGGTGGAGTTCGGGGCAGGAAAAATGTCATTAAGGAAC
 ACGGTCACCCAGATAAACGAAAAGGTCTCGTGTACATCCAGCAGACGGACGACTCCCTTATCACTTCT
 GTTGAAAGACAGGACCTCTGGGACCGTGGAGGATGACTTGATTATCTTCTCTGATGACTGTGAGTTCAA
 GCGGGTACCTCAGTGCCCCAGTGGGAGGGTCTACGTGCTCAAGTTAAGGCAGGGTCCAAGCGGCTCTTC
 TTCTGGATGCAGGAGCCCAAGACTGACCAAGATGAGGAGCACTGCCGAAAGTCAACGAGTGTCTGAACA
 ACCCCCCATGCCTGGTCACTGGGAGCAAGTGGGAGTAGTGGCCATGAGCTTTCAGCACTGGGCGGTGA
 GGGTGGCTGCAGAGCCTGTTGGGAACATGAGTCACAGCCAGCTTATGCAGCTCATCGGACCAGCCGGC
 CTGGGAGGACTGGGTGGACTTGGGGCCCTCACTGGGCCAGGCCTGGCCAGCTTGTGGGAGCAGTGGAC
 CTCCAGCCAGCAGCTTTCATCCAGCTCCCGGAGCCAGTCCGGCAGCCGTCACCCATCCTCTCCACCTC
 TTCGCTCGCGCCACCCAGCCCTTCTGCCCCAGCAGCTGCCTCGGCAACCAGCCCAAGCCCCGACCC
 AGCTCAGGTAATGGAACACAGCACAGCAGCCAGCCGACCCAGCCCATCCAGCTGAGCGACCTCCAGAGCA
 TTCTGGCCACTATGAACGTGCCGGCAGGGCCAGGAGGCCAGCCAGCAAGTGGATCTGGCGAGTGTGCTGAC
 CCCAGAGATCATGGCTCCCATCCTTGCCAATGCAGACGTTTCAGGAGCGCCTGCTGCCCTACCTGCCCTCT
 GGGGAGTCTTGGCCAGACTGCAGATGAGATCCAGAACAATTAACCTCGCCCCAGTTCAGCAGGCCCC
 TGGGTATGTTCAAGTCCGGCCTTGGCCTCAGGACAGCTTGGCCCTCATGTGCCAGTTCGGCCTTCTGTC
 AGAGGCTGTTGAGGCGCCCAACAAGGTGATGTGGAAGCATTGCCAAAGCCATGCAGAACAATGCCAAA
 TCGGACCCAAAGGAGGGGACACAAAAGACAAGAAAGACGAAGAAGAAGATATGAGTCTAGACTAAATTA
 TTCAGTGTCCGTCACCAAGTTGGAATTGGTAGCTGTGTGATTCCGTAGTGGTATTGTGATTGGCCACC
 TCACTAATAAAGTCTTCTTGTACCTGTAAA A

Restriction Sites: RsrII-NotI
ACCN: NM_019822
Insert Size: 1224 bp



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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:	<ol style="list-style-type: none">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:	BC008974 , AAH08974
RefSeq Size:	1471 bp
RefSeq ORF:	1224 bp
Locus ID:	56436
UniProt ID:	Q9JKV1
Cytogenetics:	2 H4
Gene Summary:	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. Within the complex, functions as a proteasomal ubiquitin receptor. Engages and thus activates 19S-associated deubiquitinases UCHL5 and PSMD14 during protein degradation. UCHL5 reversibly associate with the 19S regulatory particle whereas PSMD14 is an intrinsic subunit of the proteasome lid subcomplex.[UniProtKB/Swiss-Prot Function]