

Product datasheet for **MC200400**

Aarsd1 (NM_144829) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aarsd1 (NM_144829) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aarsd1
Synonyms: 1110069E20Rik; 2310044P18Rik; AA589600; AlaX; AlaXp-II
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005711 sequence for NM_144829
 CCGGCTTTTCTGCGCGCGGGTCTCTCCGGCCTAGGAGACCCGGATGGCGTTTCTGTGTCAGCGCGACA
 GCTACGCACGGGAGTTCACCACCCTGGTCTCCTGTAGTCCCAGCTGCAGACGGACCGGCGG
 CGGCAAGAAAGAAGTGTGAGCGGATTCCATGTGGTTCTGGAAGACACGCTGCTTTTCCCGAGGGCGGG
 GGACAGCCTGATGACCGTGGTACCATCAATGACATCTCTGTGCTGAGGGTGACCCGTCGTGGGGCCAGG
 CCGATCACTTACGGAGTCACTCTGTCCCTGGGAGTCAAGTCCAGGTCCGGGTGGACTGGGAGCGGAG
 GTTTGACCACATGCAGCAGCATTAGGGCAACATCTCATCACCAGGTTGCTGACCTTCTTTCGGGCTG
 AAGACAACGTCATGGGAGTTAGGGAGACTCCGGAGTGTGATTGAGTTGGACAGCCCTTCTGTGACTGCTG
 AGCAGGTGGCTGCTATCGAGCAGAGTGTCAATCAGAAAAACAGAGACCGGCTGCCTGTGAGTGTTCGAGA
 GCTGAGCCTGGATGACCCTGAGGTGGAGCAGGTGAGGGTCCGGGTTTCCCGATGATCATGCTGGGCC
 ATTCGAGTTGTTACCATCGAAGGTGTAGACTCCAACATGTGCTGTGGACGCACGTGAGCAATCTCAGTG
 ACCTTCAGGTCATTAAGATTCTGGGACTGAGAAAAGGAAAAAGAACAAAAGCAACCTGATATTTCTGGC
 TGGGAATCGGGTACTGAAGTGGATGGAGCGAAGTCATGGAAGTAAAAGGCCCTTACCTCACTACTTAAG
 TGTGGCGTTGAGGATCATGTGGAAGCAGTAAAAAGCTCCAGAATGCCACCAAGCTCCTGCAGAAGAACA
 ACCTGAACCTCCTTAGAGACCTGGCTGTGCACACTGCCACAGCCTCAGGAGCAGCCAGCTGGGGTGG
 TGTGGTCACTACACAGGAAAGAGGGTGAATCTGAATTCATGAATATCATTGCTAATGAGATTGGATCG
 GAGGAGACCCTCCTGTTCTTAAGTGTGGGGATGAGAAGGGTGTGGGCTCTTCTACTGGCAGGCCCGG
 CAGAGGCTGTGAAACCTGGGGCCAGGGTGGCTGAAGTCTTGAAGGCAAAGGAGCAGGGAAGAAGGG
 CCGCTTCCAGGGCAAAGCCACCAAGATGAGCCCGGGCAGAGGCGCAGGCGCTTCTGCAGGACTATGTC
 AGCACACAGAGTGCTGAGGAGTGAAGGGCCAGGACGTCGTCCTGTGACCAACAGTAAAAATTGTGACT CAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_144829
Insert Size: 1239 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:	<u>BC005711</u> , <u>AAH05711</u>
RefSeq Size:	1346 bp
RefSeq ORF:	1239 bp
Locus ID:	69684
UniProt ID:	<u>Q3THG9</u>
Cytogenetics:	11 D
Gene Summary:	Functions in trans to edit the amino acid moiety from incorrectly charged Ser-tRNA(Ala). [UniProtKB/Swiss-Prot Function]