

Product datasheet for **RN209709**

Aldoart2 (NM_001013943) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aldoart2 (NM_001013943) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aldoart2
Synonyms:	Aldoal1; Aldoart1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209709 representing NM_001013943 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCCTACCCATACCTAGCACTGACCCCGAGCAGAAAAGGAGCTGTCTGACATCGCTCACCGAATTG
TGGCTCCGGGCAAGGGCATCCTGGCTGCAGATGAGTCCACCGGAAGCATCGCCAAGCGGCTGCAGTCCAT
TGGCACCAGAACACCGAGGAGAACAGGCGCTTCTACCGTCAGCTGCTGCTGACTGCCGATGACCGTGTG
AATTCCTGCATTGGGGCGTGATCCTTTCCACGAGACACTGTACCAGAAGACGGATGATGGCCGTCCT
TCCCCAAGTTATCAAGTCCAAGGTGGTGTGTGGGCATTAAGGTGGACAAGGGAGTGGTGACCCTGGC
AGGAACTGACGGCGAGACCACCCAAGGGCTGGATGACCTGTCTGGACGCTGTGCTCAGTACAAGCAG
GATGGAGCCGATTTTGCCAAATGGCGTTGCGTCCTGAAGATTGGGAAACACACCCCTCAGCCCTTGCCA
TCCTGGAAATGCCAATGTTCTGGCTCGTTACGCCAGCATCTGCCAGCAGAATGGCATTGTACCCATCGT
GGAGCCAGAAATCCTCCTGATGGGGACCATGACTTGAAGCGCTGTGAGTATGTAAGTGAAGGTAAGT
GCCGCTGTCTACAAGGCTCTGAGCGACCATGTCTACCTGGAAGGAACCTTGCTGAAGCCCAACATGG
TCACCCCGGGCCATACTGCACTCAGAAATTTCCAGTGAAGAGATTGCTATGGCAACTGTACAGCGCT
TCGTCGCACAGTGCCCTGCTGTCCTGGAGTCACTTTCCTGTCTGGAGGCGAGAGTGAAGAGAGGCA
TCCATCAACCTCAATGCTATCAACAAGTGTCCCTTGCTGAAGCCCTGGGCTTGACTTTCTCCTATGGTC
GAGCCCTGCAGGCTTCTGCCCTAAAGGCTGGGGTGGGAAGGAGGAGAAACAAGAAGGCAGCCAGGAGGA
GTACATCAAGCGAGCCCTGGCCACAGCCTCGCTTGCCAGGAAAGTACACCCCGAGTGATGAATCAGGG
GCGGTGGCTAGTGAATCCCTCTTCATCTCTAACCATGCCTACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_001013943
Insert Size:	1095 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_001013943.1</u> , <u>NP_001013965.1</u>
RefSeq Size:	1715 bp
RefSeq ORF:	1095 bp
Locus ID:	299052
Cytogenetics:	6q23