

Product datasheet for **MC204153**

Aldh1l1 (NM_027406) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aldh1l1 (NM_027406) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aldh1l1
Synonyms:	1810048F20Rik; FDH; Fthfd; Neut2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC025939
GCTGACAGCTGACTGACGCTCGCAGCTAGCAGGTAATTCTGGGTTGCTAGCCCAGAGCCCTGGGCCGGTG
ACCCTGTTTTCCCTACTTCCCCTCTTTGACCTTGGGTGCCTTCCAACCTTCTGTTGCCATGAAGATTGCA
GTAATCGGGCAGAGCCTGTTTGGCCAGGAGGTTTACTGCCAGCTAAGGAAGGAGGGCCATGAGGTGGTGG
GTGTGTTACCATCCCAGACAAGGATGGGAAAGCAGATCCCCTGGGCTGGAGGCCGAGAAGGATGGCGT
GCCCGTGTAAAGTTCCCTCGGTGGCGGGCTCGAGGACAGGCTCTGCCCGAGGTCGTGGCCAAGTACCAG
GCTCTGGGTGCAGAACTCAACGTCTCCCTTCTGCAGCCAGTTACATCCCATGGAGGTCATCAATGCC
CCCGCATGGCTCCATCATCTACCATCCATCTCTGCTGCCAGGCACCGAGGGCCCTCAGCCATCAACTG
GACCCCTATTTCATGGAGATAAGAAAGGAGGCTTACTATCTTCTGGGCTGATGACGGTCTGGACACTGGT
GACCTTCTGCTGCAGAAGGAGTGTGACGTGCTTCCAGATGACACCGTGAGCACGCTGTACAACCGTTTCC
TCTTCCAGAGGGCATCAAAGGGATGGTTCAGGCTGTGCGACTGATTGCAGAGGGCACAGCCCCACGCCG
TCCCCAGCCTGAGGAAGGAGCCACCTATGAGGGCATTGAAAAAGGAGACAGCCATGATCAACTGGGAC
CAGCCAGCAGAGGCCATTCAACTGGATCCGTGGGAATGACAAGGTGCCAGGTGCCTGGACAGAGGCTT
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ACCCATCCAGGAGCCATCGTCCAGGCCTAGTACCAAAGCGGGACTCATCCTCTTTGGGAATGATGAT
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CTCATGGAGCAGCACCAGGAAGACTAGCCACCATTGAGGCCCTGGACGCAGGTGCCGTCTACACGCTGG
CCCTGAAGACGCATGTGGGCATGTCCATCCAGACCTTCCGATACTTCGCTGGCTGGTGTGATAAGATCCA
GGGTGCCACCATCCCATCAACCAGGCTAGACCCAACCGCAACCTGACCTTGACCAAGAAGGAACCTGTT
GGGGTCTGTGGTATTGTCATCCCCTGGAATAATGATGCTGTCTGGAAGACAGCAGCCTGCC
TGGCTGCCGGGAACCCGTGGTGTCAAGCCTGCCAGGTGACCCCACTCACAGCCTTGAAGTTTGAGA
GCTGACACTGAAGGCTGGCATTCCCAAGGGTGTGGTCAACATCCTCCAGGATCTGGCTCGCTGGTTGGC
CAGAGACTCTCAGACCACCTGATGTGAGGAAAATAGGGTTCACAGGCTCCACGGAGGTGGGAAAACACA
TCATGAAAAGCTGTGCCCTGAGTAATGTGAAGAAGGTCTCCCTGGAGCTGGGTGGAAAGTACCCCTTAT
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GAGAACTGCATTGCGGCAGGCCGGCTCTTTGTGGAGGACTCCATCCATGACCAGTTTGTGCGAAAAGTGG
TGGAGGAAGTAGGGAAGATGAAAATCGGCAACCCCTGGACAGAGATACCAACCATGGCCCGCAGAACCA
TGAGGCCACCTGAGGAAGCTGGTGGAGTATTGCCAACGTGGTGTGAAGGAAGGGGCCACACTGGTCTGT
GGTGGGAACCAAGTCCCAAGGCCAGGCTTCTTCTTTCAGCCAACCGTTTTTACAGACGTGGAGGACCACA
TGTACATCGCTAAGGAGGAGTCCCTCGGGCCCATCATGATCATCTCTCGGTTTGTGATGGGGACGTGGA
TGCAGTGCTATCTCGGGCCAATGCTACAGAATTTGGCCTGGCCTCTGGTGTCTTCACTCGGGATATCAAC
AAGGCCCTGTATGTGAGTACAAAAGTGCAGGCGGGCACTGTGTTGTCAACACATACAACAAGACCGATG
TGCCCGCACCTTTTGGAGGATTCAAGCAGTCTGGATTTGGCAAAGACCTGGGAGAGGCGGCCCTGAATGA
GTACCTGCGGATCAAGACTGTGACTTTTGTGACTGAAAGCAAGACTGTGATACTTCTCCTGTACCTGT
TGACCTCAGGGAGTGTGACCTGTCTGGTACTTAGCACCTCCTGTCCCAGCACTGCTCCTTTCAGC
TGCTGGAGCTCTGGCCTGGACCCCTGCTGGTACAGGACACCCTCTGAACAATCAGAAGTGGCTCCAAG
TGGAGTGAGCAGTCATGTCCCCATGAATAAAAAATTTGTGAGCAGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_027406
Insert Size: 2709 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:	<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:	BC025939 , AAH25939
RefSeq Size:	3069 bp
RefSeq ORF:	2709 bp
Locus ID:	107747
UniProt ID:	Q8R0Y6
Cytogenetics:	6 D1