

Product datasheet for **MC204838**

Sdr9c7 (NM_027301) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sdr9c7 (NM_027301) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sdr9c7
Synonyms:	1810054F20Rik; Rdh20; Rdhs; SDR-O; Sdro
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC064820
 GCAAGTCTCAGAAGTCTCCTTTCTGTGGGTTCTGTGGGCTGCCTGCTGGGCTCTGAGGATCAGCCTA
 TCCTACCATCTCCTGGGTCCATCCTCAGACATCAGCTCCCATGGCGGCCCTCACAGACTTTGCTTTTATG
 TACCGCTGGTTCAAAAATTGCAATCTGGTTAAAAACCTCTCTGAGAAGTATGTCTTCATCACTGGCTGTG
 ACTCCGGCTTTGGGAACCTGTTGGCCAAACAACCTGGTTGATAGGGGCATGAAAGTGCTTGTGCCTGCCT
 CACTGAGGAGGGGCTCAGAAACTCCTGCAGGACACCTCCCACAGCTGCAGACCTTCTCCTAGATGTC
 ACCAAGTCGGAGAACGTC AAGGAAGCAGCCAGTGGGTGAGGGACCAAGTGGGCGAGCAAGGCCTCTGGG
 CCCTGGTGAACAACGCTGGCGTGGCCCTGCCAGTGGTCCCAACGAATGGCTGACCATAAAAAGACTTTGT
 GAAAGTGATCAACATAAACCTGGTGGGGCTGATTGATGCTCACTCTGAACATGCTGCCGATGATCAAGAAA
 GCCCGGGCAGGGTGGTCAACATGTCCAGCTCTGGTGGCCGTGTGGCTATATTCGGCGGTGGTTACTGTG
 TCTCCAAGTTTGGTGTGAAGCCTTCTCTGATAGCATCAGGCGGAGCTTCATTTCTTCGGGGTGAAGGT
 CAGCATATTGAGCCAGGGAACAAGACATCCATTCTGGGCCAAGAAGCTCTGGAATCACGCATGAAG
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 AAAAGTTGGTTAACTTGTGAGGTGAGCAGAGCCAAGAATCAGCGATGTCACCAACAGCATGGAGCACGC
 CATTGTCTCCCGAGCCCCGAATCCGCTACAACCTGGCCTGGACGTC AAGTTTCTCTATCTCACCTG
 GCTAAGCTGCCACCCCTGTGACAGATTTATCCTTAGCAGATACTTGCCAAGACCAGCAGACAGTGT
 GAGCTGGCGAGCTCAAGGGGTAGCCAGTGGAGCACAGGGGAGAGGGCAAAGGACTGGGGGATCACAAGAG
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 CGCAAGACACCCCTCACAAGGCAGGTAAGTGTCTCTGGACCTGAAAAGCCGGCTTCTGTTGACTGAC
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 CTTGCTTCTCTAATCACCATTGATTCTGTTC AAGTATTTATTGAGCACTTACTACGTACCAGCACCAA
 AACTCTGGGGTATGTGAGGGTGTGAAATCATGAACTTGTCTTGTGTTTTGTTTTGTTTTGTTGCTCAC
 GTTTTACTTTGTTACAGTAGCTAGCAGCAGAGATAGGACAGTGACCAAGGGGACAAAGATCAGAAAAAGG
 AAATTTGAAGGACCTGGATCTCAATAGCTCTAGACTCGGATGTTTACTGGGATCACTCAGTTACTTAAA
 ATGCGTACGGAAGCTGGAGAGATGGCTCGGAGGTTAAGAGCATTGTGCCTCGCAGAATCTGGAATAGAT
 CCCCAGTCTCCACACCGTGTCTCACAGCCTCCATAATTCCAGTTCAGGGGATCGGATGCCCCCTTCTGA
 CCTCCACAGGTACCAAGCATGAATGTAATGTGATTGATACATGCAGGCAAAAACACGCATACACATAAA
 ATAAGATAAATCTTTAAAAAGTGAATGTGTAAGGAAGCTGGGCATGGTATCTCATGTTTGTAAATCCCAAC
 ATTTATGGGGCTAAGACAGGAGGATTTTGTGAGTCTAAGGAAAGACTAGATTACAAAATGAGACACTGT
 CTCAAGAAAACAAACCCAGGAAACAAACAAAAGAACTCATAGGAACCCCAATGTTAGAAAATCCGATTCA
 ATAAACCTGAGTGAGGCAGAGCCAGAACTATGAATTGTGTAATAAGGACCTAAATGTACCTGCGCACCT
 GGGAGGCAGTGTAGTCCACAGGAGAAGCAGCCAATCAGCTCAGAGTGGGAAGTCATTTTCGCCAAGGC
 ACCCAGCTAAGTGGTCAAACAAACAGAACCCTTTCCAGCAGCAGGTGATGAACTGTTTGTAACTCTTC
 AAATAAGTCATAGAACTAAATAATTCATGTCTTTAAAAATAGCTACCAACTTCTGAGTTATATGAACTAT
 TAATGAAAAAGGATACTTTTTGATCAAGTTCATATACTGAATATCAAACCCAGAGCCTGAGCATCATAG
 ACAAGCACTCACCCTGACCTACATTCACCCCTCAGATTTTCAATTAGCTTACTCAGAAGCTCAGGCTG
 GCCTTGAACCTTGCTATAACTTTCAATATTCCTCAAACCTATAATTCTCCTGCCTTACTCCAGAGTGC
 TATGACTACAGGCATGTGCCATCAGTCCCAACAATAACAGTGATAAAAATAAATAATAGAAATGTTTAA
 ATTCTGCAGTTTGTGCAATAAAGGTCAAATATTATTATTTAAAAATCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_027301
Insert Size: 942 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:	BC064820 , AAH64820
RefSeq Size:	2863 bp
RefSeq ORF:	942 bp
Locus ID:	70061
UniProt ID:	Q8K3P0
Cytogenetics:	10 D3
Gene Summary:	Displays weak conversion of all-trans-retinal to all-trans-retinol in the presence of NADH. Has apparently no steroid dehydrogenase activity (By similarity).[UniProtKB/Swiss-Prot Function]