

Product datasheet for **MC204257**

Dhrs3 (NM_011303) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dhrs3 (NM_011303) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dhrs3
Synonyms: retSDR1; Rsdr1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010972
 CCACGCGTCCGGACCCACGCGTCCGCGGACGCGTGGGTCTTCCCAGCCGAAACGGCTGTTGGGGCAAGAA
 ACTTCTTGTTAAACTTCCCACCCTTGGACTCTCCACAGCCCTCTCACGTCCTCAATCTTCTGAGACG
 CTTTTTACCTCTCCGCCAGAGCAGAGTTTATCTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTCTTTTCTC
 CCATTTTTCTCGCCCTGTCTTTACATCTGAAAGGAGATCAGTTCAAGAGTGACCAGGTGGGACGCCTC
 CTTTTCTTATTTAGTTTATTATTGTTGGGGAGTTTTCTTTCTATCTTTTTTTAATTCCTGTCCGGGG
 AGTTTTGTCCACCGCCTCCTACCACCTCCCCTGTACCCCGCTCCGCCGCGGAGGATGGTGTGGAAAT
 GGCTGGGCGCGTGGTAGTGTCCCTCTGCAAATGATCTATTTGGTAACCAAAGCAGCCGTGGGAATGGT
 GTTGCCCCCAAGCTTCGGGACTGTGCGGGGAGTCAGTCCTCATCACCGCGGTGGGAGAGGCATCGGA
 CGCCACCTCGCTCGGAGTTCGAGAGCGTGGCCAGAAAGATTGTTTTCTGGGGCGGACTGAAAAAT
 GCCTCAAGGAGACGACAGAGGAGATTCCGCAGATGGGCACAGAGTGCCACTACTTCATCTGTGACGTGGG
 CAACCGGAAGAGGTGTACCAGATGGCCAAAGCTGTCGAGAGAAGGTGGGTGACATCACCATCCTGGTG
 AACAAATGCCGCTGTGGTCCATGGAAAAAGCTTGATGGACAGTGACGATGATGCCCTCCTCAAGTCCCAGC
 ATGTCAACACCCTGGGCAATTCTGGACCACCAAGGCCTTTTTGCCACGTATGCTGGAATCCAGAACGG
 CCATATTTGTGCCTCAATTCCTGTCTTGCAGTGTGAGCCATCCCTGGCGCCATCGACTACTGCACGTCA
 AAAGCATCAGCCTTCGCCTTCATGGAGAGCCTGACCTTGGGGCTGTTGGACTGTCTGGTGTGAGCGCA
 CCACCGTTCTGCCCTTTCACACCAGCACCAGAGATGTTCCAGGGCATGAGAGTCAGTTTTCCCAACCTCTT
 CCCGCCACTGAAGCCAGAGACAGTAGCCCGGAGGACGGTAGATGCTGTGCAACAAAACCAGGCCCTTCTC
 TTGCTCCCGTGGACCATGAATATCCTCATTATCTTGAAAAGCATACTCCACAAGCTGCACTGGAGGAGA
 TTCACAGTTCTCGGGGACTTACACCTGTATGAACACCTTTAAGGGGAGGACATAGAGGCAGGAGGAAGA
 CACACCTGAGGAGCTATGGAGCCTGAGGGGAGCCACAGCAGCCGGGCACACAATCCTGTGCCTGTGCAT
 TAGCACATCTGCTGGGTGAACAGGACTGTTCTTGTCCCCAGGGAAGATTTTGCAGCTCCCGAGTCAACT
 CCAGGACCTTTGTGCAAGACTGATGGGTTAACTGTACCCCATGGGGAGGCAAGAAGCCGGCAGCCAC
 CCAACAACCTTTGTACATTTCTATTCTGTAGCGTTTGTGCATGAAATTGCTTCTCCAGTCTAACCCGCTG
 ATGTGCATCTACTATTTCCAGGAGAGTCTGCTCCAGACTCTGCCTTTCCCTCCAAAACCTCTCACT
 CCCAGCTCGTCAAACCTGGTTACACAGCAGAAACGAAAATAAAGAGGTGGCTTTCCGCAAAAAAAAAAAAAA AAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_011303
Insert Size:	909 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:	BC010972 , AAH10972
RefSeq Size:	1759 bp
RefSeq ORF:	909 bp
Locus ID:	20148
UniProt ID:	O88876
Cytogenetics:	4 E1
Gene Summary:	Catalyzes the reduction of all-trans-retinal to all-trans-retinol in the presence of NADPH. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).