

Product datasheet for MC213122

Dhrs9 (NM_175512) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dhrs9 (NM_175512) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dhrs9
Synonyms: C730025I08Rik; Rdh15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC213122 representing NM_175512
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTTTTGGTTGTTGGCTCTCCTGTTCTCTGTGCTTTTCTGTGGAATTATAAAGGGCAGTTGAAGA
 TAGCAGACATTGCTGACAAGTATGCTTTCATCACCGGATGTGACACGGGCTTTGGAACTTAGCAGCCAG
 AACTTTTGATAAAAAAGGCTTCCGTGTCATTGCTGCCTGCTGACTGAGTCAGGATCAGCTGCTTTGAAG
 GCCAAAACCTCAGAGAGACTCCACACCGTCTTCTGGATGCTCACTGACCCAGAGAATGTCAAGAAGACGG
 CCCAGTGGGTGAAGAGCCATGTAGGAGAAAAGGGTCTCTGGGTCTGATCAATAATGCTGGTGTCTTGG
 CGTGTGGCTCCCACTGACTGGTTGACAGTGGAGACTACAGAGAACCCATTGAAGTTAACTGTTTGG
 CTCATCAACGTGACACTGAATATGCTTCCACTGGTCAAAAAAGCTCGAGGGCGTGTATCAATGTCTCCA
 GCATTGGAGGCCGGCTTGCAATTTGGTGGAGGGGCTATACTCCATCCAAATACGCAGTGGAGGGTTCAA
 TGACAGCCTAAGGCGGGATGAAAGCTTTGGTGTGCATGTCTCATGCATTGAACCAGGGCTGTCCAAA
 ACAGAGCTGGCAGATCCAATCAAGAACTGAAAAAACTGGCCATTTGGAAACATCTGTCTCCAGATA
 TCAAACAACAATATGGAGAGGGCTACATTGAAAAAGTCTACACAGACTGAAAAGCAATACCTCCTCGGT
 GAACCTGGACCTCTCTAGTGGTAGGGTGCATGGACCAGCTCTAACAAGTCTTCCCAAGACTCGG
 TACATTGCTGGAAAGATGCCAAGACATTCTGGATACCTCTGTCTCACATGCCAGCAGTTTACAAGACT
 TTTTATTGCTGAAACAGAAAGTAGAGCTGGCAAATCCCAAAGCTGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175512



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Insert Size:	960 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:	<u>NM_175512.2</u> , <u>NP_780721.1</u>
RefSeq Size:	2817 bp
RefSeq ORF:	960 bp
Locus ID:	241452
UniProt ID:	<u>Q58NB6</u>
Cytogenetics:	2 C2
Gene Summary:	3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone. Plays also a role in the biosynthesis of retinoic acid. Can utilize both NADH and NADPH.[UniProtKB/Swiss-Prot Function]