

## Product datasheet for MR219971

### Dhrs9 (NM\_175512) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dhrs9 (NM_175512) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dhrs9
Synonyms:	C730025I08Rik; Rdh15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219971 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGTTTTGGTTGTTGGCTCTCCTGTTCTCTGTGCTTTTCTGTGGAATTATAAAGGGCAGTTGAAGA  
TAGCAGACATTGCTGACAAGTATGTCCTTCATCACCGGATGTGACACGGGCTTTGGAACTTAGCAGCCAG  
AACTTTTGATAAAAAAGGCTTCCGTGTCATTGCTGCCTGCTGACTGAGTCAGGATCAGCTGCTTTGAAG  
GCCAAAACCTCAGAGAGACTCCACACCGTCTTCTGGATGCTCACTGACCCAGAGAATGTCAAGAAGACGG  
CCCAGTGGGTGAAGAGCCATGTAGGAGAAAAGGGTCTCTGGGTCTGATCAATAATGCTGGTGTCTTGG  
CGTGTGGCTCCCACTGACTGGTTGACAGTGGAGACTACAGAGAACCCATTGAAGTTAACTGTTTGG  
CTCATCAACGTGACACTGAATATGCTTCCACTGGTCAAAAAAGCTCGAGGGCGTGTATCAATGTCTCCA  
GCATTGGAGGCCGGCTTGCATTTGGTGGAGGGGCTATACTCCATCCAAATACGCAGTGGAGGGTTTCAA  
TGACAGCCTAAGGCGGGATGAAAGCTTTGGTGTGCATGTCTCATGCATTGAACCAGGGCTGTCCAAA  
ACAGAGCTGGCAGATCCAATCAAGAACTGAAAAAACTGGCCATTTGGAAACATCTGTCTCCAGATA  
TCAAACAACAATATGGAGAGGGCTACATTGAAAAAGTCTACACAGACTGAAAAGCAATACCTCCTCGGT  
GAACCTGGACCTCTCTAGTGGTAGGGTGCATGGACCAGCTCTAACAAGTCTTCCCCAAGACTCGG  
TACATTGCTGGAAAGATGCCAAGACATTCTGGATACCTCTGTCTCACATGCCAGCAGTTTACAAGACT  
TTTTATTGCTGAAACAGAAAGTAGAGCTGGCAAATCCCAAAGCTGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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:** [NM\\_175512.2](#), [NP\\_780721.1](#)

**RefSeq Size:** 2817 bp

**RefSeq ORF:** 960 bp

**Locus ID:** 241452

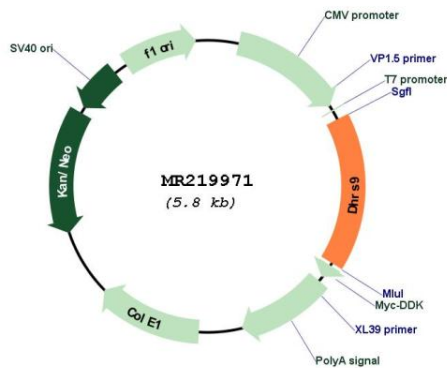
**UniProt ID:** [Q58NB6](#)

**Cytogenetics:** 2 C2

**MW:** 35.2 kDa

**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]

### Product images:



Circular map for MR219971