

Product datasheet for **MR208301**

Dhcr24 (NM_053272) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dhcr24 (NM_053272) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dhcr24
Synonyms:	2310076D10Rik; 5830417J06Rik; mKIAA0018
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208301 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCGCCGTGTCGCTGGCCGTGTCGCGCTGCTCTTTCTGCTCTGGGTGCGAGTGAAGGGTTGG
 AGTTCTGTTCTCATCCACCAGCGCTGGGTGTTCTGTGCCTCTTCTGCTGCCGCTCTCGCTCATCTTCGA
 TATCTACTACTACGTGCGCGCCTGGGTGGTGTTCAGCTGAGCAGTGCGCCGCGCCTGCACGAGCAGCGC
 GTGCGGGACATCCAGAAACAGGTCGGGAATGGAAGAACAGGGCAGTAAGACCTTCATGTGCACGGGGC
 GCCCAGGCTGGCTCACTGTCTCGCTGCGAGTCGGAAAGTACAAGAAGACCCATAAGAACATCATGATCAA
 CCTGATGGACATCCTGGAGGTGGACACCAAGAAACAGATTGTTTCGAGTGGAGCCCTTGGTGTCTATGGGT
 CAGGTGACAGCTTTCGTAAGTCCATTGGCTGGACCCTGCCTGTGTTGCCTGAGCTTGATGACCTCACAG
 TGGGGGGCCTGATCATGGGCACAGGCATCGAGTCATCGTCCACAAGTATGGCCTGTTCCAACACATTTG
 CACTGCCTACGAGCTGATCCTGGCAGACGGCAGCTTTGTGCGCTGCACACCGTCTGAAAACCTCAGACCTG
 TTCTATGCCGTGCCCTGGTCTGTGGGACCCTGGGCTTCTGGTGGCTGCCGAGATCCGGATCATCCCGG
 CCAAGAAGTATGTCAAGCTGCGGTTTGAGCCTGTTTCGGGGCCTGGAGGCCATCTGTGAAAAATTCACCCG
 CGAGTCCCAGCGGCTGGAGAACCACTTCGTGGAAGGGTTGCTGTACTCCCTGGATGAGGCTGTATCATG
 ACAGGGGTGATGACGGACGACGTAGAGCCCAGCAAGCTGAATAGCATTGGCAGTACTACAAGCCCTGGT
 TCTTCAAGCATGTGGAGAACTACCTGAAGACAAACCGGGAGGGCCTCGAATACATTCCTGAGACACTA
 CTACCACCGACACACGCGCAGCATCTTCTGGGAGCTCCAGGACATCATCCCTTCGGCAACAACCCCATC
 TTCCGCTACCTCTTCGGCTGGATGGTGCCTCCCAAGATCTCCCTCCTGAAGCTGACCCAGGGCGAGACGC
 TACGCAAGCTGTACGAGCAGCACACCGTGGTGCAGGACATGCTGGTGGCCATGAAGTGCATGTCACAGGC
 CCTGCATACCTTCCAAAATGACATCCACGTCTACCCCATCTGGCTGTGCCATTTCATCCTGCCAGCCAG
 CCAGGACTAGTGATCCCAAGGAGATGAAGCAGAGCTCTACGTGGACATCGGGGCATACGGGGAGCCAC
 GTGTGAAGCACTTCGAGGCCAGGTCTGCATGAGGCAGCTGGAGAAGTTTGTGCGGAGTGTGCACGGGTT
 CCAAATGTTATACGCCGATTGCTATATGAACCGCAGGAATTCTGGGAGATGTTTCGATGGCTCCTGTAC
 CACAAGCTGCGCAAGCAGCTGGGCTGCCAGGACGCCTTCCTGAGGTGTACGACAAGATCTGCAAGGCGG
 CAAGGCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208301 protein sequence
 Red=Cloning site Green=Tags(s)

MEPAVSLAVCALLFLLWVRVKGLEFVLIHQRVFVCLFLLPLSLIFDIYYYYVRAWVVKLSSAPRLHEQR
 VRDIQKQVREWKEQGSKTFMCTGRPGWLVSLRVGKYKKTTHKNIMINLMDILEVDTKKQIVRVEPLVSMG
 QVTALLNSIGWTLPLPELDDLTVGGLIMGTGIESSSHKYGLFQHICTAYELILADGSFVRCTPSENSDL
 FYAVPWSGTLGFLVAEIRIIPAKKYVKLRFEPVRGLEAICEKFTRESQRLENHFVEGLLYSLDEAVIM
 TGVMTDDVEPSKLNISGSYYKPWFVKHVENYLKTNREGLEYIPLRHYYHRHRSIFWELQDIIPFGNPI
 FRYLFGWMVPPKISLLKLQGETLRKLYEQHHVVQDMLVPMKCMSQALHTFQNDIHVYPIWLCPFILPSQ
 PGLVHPKGDEAELYVDIGAYGEPVKHFEARSCMRQLEKFVRSVHGFQMLYADCYMNREEFWEMFDGSLY
 HKLRKQLGCQDAFPEVYDKICKAARH

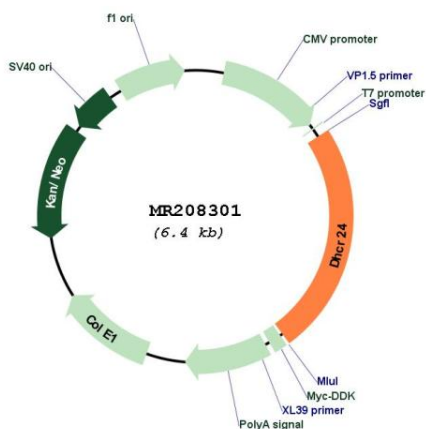
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cytogenetics: 4 C7
MW: 60.1 kDa
Gene Summary: Catalyzes the reduction of the Delta-24 double bond of sterol intermediates. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208301