

Product datasheet for **MC216441**

Dhcr7 (NM_007856) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dhcr7 (NM_007856) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dhcr7
Synonyms:	AA409147
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216441 representing NM_007856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCGAAATCCAGCACACGCTCCCAAAGTCAAGAGTCCCAACGGCAAGGCTGGATCTCAAGGAC
 AATGGGGCCGTGCTGGGAAGTGGACTGGTTCCCTGGCCAGCATCATTTTCCTGCTGCTTTCGCTCC
 ATTCATTGTGTACTACTTCATCATGGCATGTGACCAGTACAGCTGCTCCCTGACTGCCCCCGCATTGGAT
 ATAGCTACAGGCCATGCTAGTCTGGCAGACATTTGGCCAAGACACCACCTGTGACAGCTAAAGTGCC
 AACTGTATGCCTTGTGGGTGAGCTTCCAGGTGCTGCTTTATTCCTGGCTTCTGACTTCTGCCACAGATT
 TCTGCCAGTTATGTGGGAGCGTCCAAGAAGGTGCCATTACTCCAGCAGGGGTTGTAACAAGTATGAG
 GTGAATGGGCTGCAAGCCTGGCTCATTACCCACATCCTCTGGTTGTGAACGCTTACCTCTATCCTGGT
 TCTCCCCACCATCATCTTTGACAACCTGGATCCCCTTGTATGGTGTGCCAACATCCTGGGCTATGCCGT
 GTCACCGTTCGCAATGATCAAGGGCTACCTGTTCCCCACCAGTGCCGAAGACTGCAAATTCACAGGCAAT
 TTCTTCTACAACATATGATGGGAATTGAGTTCAACCCCCGCATCGGGAAGTGGTTTGACTTCAAGCTGT
 TCTTCAATGGACGACCAGGGATTGTAGCCTGGACCCTCATTAACTGTCTTCGCTGCCAAGCAGCAGGA
 GCTTTATGGCCATGTGACCAACTCCATGATTTTGGTCAATGTCTTGCAGGCCATCTACGTGTAGACTTC
 TTCTGGAATGAAACCTGGTATCTGAAGACCATCGACATCTGCCATGACCACTTTGGGTGGTACCTAGGCT
 GGGGAGATTGTGTGTGGCTGCCCTACCTCTACACACTGCAGGGCCTGTACTTGGTGTACCACCCTGTGCA
 GCTCTCCACCCCAATGCCTTGGGCATCCTGCTGCTTGGCCTCGTGGGTACTATATCTCCGAATGACC
 AACCATCAGAAGGACCTGTTCCGCAGGACAGATGGCGCTGCCTCATCTGGGCAAGAAGCCCAAGGCCA
 TTGAGTGTCTTACACATCAGCTGATGGGCTGAAGCACCACAGCAAGCTGTTGGTCTCAGGCTTCTGGGG
 TGTGGCCCGCCACTTCAACTATACTGGTGACCTGATGGGCAGCCTTGCCCTACTGCCTGGCTTGTGGCGGT
 GGCCACCTCCTCCCTACTTTTACATCATCTATGACTATCCTGCTCACCCACCCTGCCTCCGTGATG
 AACACCGCTGTGCCAACAAGTATGGCCGTGATTGGGAGCGCTACACAGCCGCTGTGCCCTACCGCTGCT
 GCCTGGAATCTT**CTGA**

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_007856
- Insert Size:** 1416 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:**
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_007856.2, NP_031882.1](#)
RefSeq Size: 2845 bp
RefSeq ORF: 1416 bp
Locus ID: 13360
UniProt ID: [O88455](#)
Cytogenetics: 7 F5
Gene Summary: Production of cholesterol by reduction of C7-C8 double bond of 7-dehydrocholesterol (7-DHC).[UniProtKB/Swiss-Prot Function]