

Product datasheet for **MC219796**

Dbh (NM_138942) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dbh (NM_138942) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dbh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219796 representing NM_138942
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAAGCTCATCTCAGCCACCAGCCTTGTGGAGCAGCCTCCCAAGCCCAGTGTCCGTGAGGCGGCTT
 CCATGTACGGCACTGCTGTGGCCATCTTCTGGTCATCCTGGTGGCTGCACTGCGGGGCTCGGAGCCTCC
 AGAGAGCCCTTCCCCTACCACATCCCCCTGGACCCGAAGGATTTTAGAGCTCTCATGGAACGTCAGC
 TATGTCCAGGAGATCATCCACTTCCAGCTCCAGGTGCAAGGGCTGAGGGCTGGGGTCTGTGGAATGT
 CAGATCGAGGAGAGATGGAGAACGCAGATCTCATCATGCTCTGGACTGATGGGACAGGGCTACTTTGC
 GGATGCCTGGAGTGACCGAAAGGGCAGATCCATCTGGATTCCCAGCAAGACTACCAGCTGCTCCAGGCA
 CAGAGGACTCGAGATGGCTGTCCCTGCTTTCAAGAGGCCCTTGTACCTGTGACCCCAAGGATTATG
 TCATTGAGGATGACTGTCCATCTAGTGTATGGGATCTTGAAGAGCCATTTAGTGCCTGGAGGCCAT
 CAACACCTCAGGCTGCATACAGGGCTGCAGCGGGTGCAGCTTCTGAAGTCTGAGTCCCCACTCCATCC
 ATGCCTGAGGATGTACAACCATGGATATCCGGGCTCCTGACATCCTATCCCCGACAATGAGACCAGT
 ACTGGTGTATATCACTGAGCTACCCCCAGCTTCCCCCGACACCACATCATCATGTATGAGGCCATTGT
 CACTGAGGGCAATGAGGCCCTGGTGACCACATGGAGGTCTTCCAATGTGCAGCTGAGTCTGAGGACTTC
 CCCCAGTTCAACGGACCTGTGACTCCAAAATGAAGCCTGACCGACTCACTACTGCCGGACGCTGCTGG
 CAGCATGGGCCCTGGGTGCCAAGGCATTTTACTACCCAAAAGAAGCTGGTGTCCCTTTGGGGGCCGGG
 GTCCTCCCGTTTCTCCGACTGGAAGTTCATTACCACAACCCACGGAAGATACAAGGCCGCGCAGGACTCC
 TCTGGCATCCGCCTACACTACACAGTACTCTCCGACGCTATGATGCGGGCATCATGGAGCTCGACTGG
 TGTATACACCCTTGATGGCCATCCCCCTCAGGAGACTGCCTTTGTGTTGACCGGCTACTGCACAGACAA
 GTGCACCCAGATGGCACTGCAGGACTCCGGAATCCACATCTTTGCCTCTCAGCTTATACACACCTGACG
 GGCAGGAAGGTGGTACTGTGCTCGCCAGGGATGGCCAAGAGAGGAAGGTGGTGAACAGGGACAACCACT
 ACAGCCCCACTTCCAGGAGATCAGAATGCTGAAGAAGTTGTGACAGTCTACCCGGGGGACGTACTCAT
 CACTTCATGCACATACAACACAGAAAACAAGACGCTGGCCACAGTGGGGGGTTTGAATCTTGGAGGAG
 ATGTGTGCAACTATGTGCACTACTACCCACAGACAGAGCTGGAAGTCTGCAAGAGTGGCGTGGACGACG
 GCTTCTACAGAAATACTTCCACATGGTAAACAGGTTCCAGCAGTGGAGGTTGCACTGCCCTCAGGC
 CTCAGTCCCCCAGCAGTCTCCTCCGTGCCCTGGAAGTCTTCAATCGGGATATGCTCAAGGCTCTGTAT
 GACTACGCCCTATCTCCATGCATTGCAACAAGACTTCTGCTGTCCGCTTCCCGGTGAGTGAATCTGC
 AGCCTTTGCCTAAGATCACCTCCAGCTGGAAGAACCACCCACGCTGCCCATCCGACAGACTCAGAG
 CCCCCTAACCCACTGTGCCATCACAACAGAGGCAGATGCTGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_138942
- Insert Size:** 1869 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_138942.3](#), [NP_620392.2](#)

RefSeq Size: 2282 bp

RefSeq ORF: 1869 bp

Locus ID: 13166

UniProt ID: [Q64237](#)

Cytogenetics: 2 19.29 cM

Gene Summary: Conversion of dopamine to noradrenaline.[UniProtKB/Swiss-Prot Function]