

Product datasheet for **MC219748**

Moxd2 (NM_139296) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Moxd2 (NM_139296) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Moxd2
Synonyms:	Dbhl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219748 representing NM_139296
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTGTGTTCTACTCTTCAGACTTTTCTTACTTTTGGTCCTGGCAGCCTTTTCTCAAGCAAGCGCC
 TGGGTCTACATCTCCCCTTCGTTATTCAGGTTCTAGATCCTCCCGTGCTGTTTTCTGCGCTGGGA
 CTTTGACTATGAGGCTGAGATAATCACATTTGAGCTCCAAGTCCAACAACCTGGCTGGGTTGGCCTGGG
 ATCACAGACCGGTACACCTTTGTGGGAAGTGATCTGGTAGTTGGAGGAGTCTACCCAATGGCAATGTCT
 ACTTTTCGGATCAGCACCTTCTGGATGAAGACTCTAGAACAGGATGGGAGCCAGGATGCTGAACCTCT
 AAGGCTCACAGAAGATGCTGTCTCGACCACCATGCGCTTTTCCAGGCCTTTCAGAACCTGTGATCCACAT
 GATCGTGACATTACGAGTGATACCATGAGGGTCTGGCTGCCTATGGCCCGGATGACATAACAAAGATGA
 GTCGGGAGCATACTTTTGTCAAGTCCATCTTCTGCTTCAAATGTACAATATGATGATCAAGATGCCCC
 TGAAGACACCATCATCCATGACTTGAAGATCAGTAATTTTCATCATTCCAGAGGATGATACCATATGCC
 TGTACCTTTCTCCCACTCCCTATTGTGACAAAAGCATCACATCTACAAGTTTGAACCTATATTGGTGG
 AACGCAATGAGACGATGGTGCATCACGTTCTCGTGTATGCATGTGGCAATTCTAGTGTGCTCCCCACAGG
 CATCGGGAATGCTATGGATCAGACCCTGCCTTCTCTCTGCTCCCACGTATCGCGGGCTGGGCTGTC
 GGGGGCCTTAGTTACCAGTTTCCAGATGATGTGGGCATCTCTATTGGAACCCCTTTGACCTCAGTGGA
 TCAGACTGGAAATTCACTACAGCAATTTTCAGAACCTTCTGGTATCCGTGATACCTCAGGGATGCGGCT
 GTTCTACACCTCGCACCTTCGCAATATGACATGGGAGTCTCCAGCTGGGCATCTCAGTTTTCCCTATT
 CACTTTATACCCCGGGTGCAGAGGCTTCTTGTCTATGGACTATGCAAAACAGACAAGTTTGAAGAGC
 TGAATGGGGCTCCAGTATCTGACATATATATACAGCTGCCTCCACACCCACTTAGCTGGGCGGTC
 ACTGCAAGCTCTGCAATACAGAAATGGAACCAACTCCAAGTAGTATGTAAGATTTTTCTATGATTTT
 AATCTGCAAGAGTCTCGGACTTACCTCATCTGTGGTATTAAGCCGGGGATGAACTGCTGATAGAAT
 GTCATTACCAGACTGGATCGTGACTTTCATGACTTTTGGAGGTGCCAGCACCATTAATGAGATGTGCT
 CATCTTCTTCTACTATCCCAGAATTAACATCTCCAGTTGCATGGGATACCCTGATATCATCTATGTG
 ACCAATGAGTGGGGGAAGAAGCATCAGAGAATCCCATGGAGAACCTGATGGTCTGGATAATGTGGAGT
 GGACTCCAGAGAACATTAAGAAAGCTGAGAAAGCCTGCAAGGAGTCCCAGCAGACAGTATTGATCAAGAC
 CATTGATGAAGAAGTAGAAAATACAACAGGTTGGATTCTGATATTATACCAACTCTCGAGGACCATGC
 TTAGAGTCTACTGGAGGCAAGGTGGAACCTCAGGACAATACCCCGCAGGCTTCAGGGCTGTACCACTGG
 CCTCTCTGGCTCCAATACTGCTACTCTGAGGCCCTGCCATGATTGCTGACTGTTCTCGAGGGTAG
 CCTCTCGTGTCTCCTTGAATGCTGCAGACTGGAGTA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_139296
- Insert Size:** 1860 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_139296.2](#), [NP_647457.2](#)

RefSeq Size: 1860 bp

RefSeq ORF: 1860 bp

Locus ID: 194357

UniProt ID: [Q7TT41](#)

Cytogenetics: 6 B1