

## Product datasheet for MC225032

### Chd4 (NM\_145979) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chd4 (NM_145979) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chd4
Synonyms:	9530019N15Rik; AA617397; BC005710; D6Ertd380e; Mi-2beta; mKIAA4075
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225032 representing NM_145979 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGTCGGGCTGGGCTCCCCGTCCTGCTCAGCGGCAGTGAGGAGGAGGATATGGACGCACTTC  
TGAACAACAGCCTGCCCCACCCATCCAGAAAATGAGGAAGACCCAGACGAGGATTTATCCGAAGCAGA  
GACTCCAAGCTCAAGAAGAAGAAAAGCCTAAGAAACCTCGAGACCCTAAAATCCCTAAGAGCAAGCGC  
CAAAAAAGGAGCTGGGGACAGCTCTGGGAGGGGCCAGAGTTTGTGGAGGAGGAGGAAGAGGTGGCTC  
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AGAGAAGAAGAGCAAATCCAAGCGGAAGGAGGAGGAGGAAGAGGAGGACGAGGATGATGACTCGAAGGAA  
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GGCTCCAGATGCTGACCCTAATACCCCGTCGCCAAGCCCTTGGAGGGCGGCCAGAGAGGCAGTTCTT  
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GACTTACGAGATCTGGCACCGTCGCCATGATTACTGGCTGCTGGCTGGCATTATAAACCACGGCTATGCC  
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 GTGGCAATTTTCTAGAGATCAAGAATAAATTTTGTAGCTCGAAGATTCAAGCTCTTAGAACAGCCCTGGT  
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_145979
- Insert Size:** 5748 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\\_145979.2](#), [NP\\_666091.1](#)
- RefSeq Size:** 6438 bp
- RefSeq ORF:** 5748 bp
- Locus ID:** 107932
- UniProt ID:** [Q6PDQ2](#)
- Cytogenetics:** 6 59.28 cM
- Gene Summary:** Component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin by deacetylating histones.[UniProtKB/Swiss-Prot Function]