

Product datasheet for **MC218150**

Cdh8 (BC060200) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh8 (BC060200) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdh8
Synonyms:	AI851472; cad8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC060200
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGAAAGGCTAGCTGAGACGCTCATGGACCTCTGGACTCCATTAATAATATTATGGATTACCCTCC
 CTCTTTGTGTATACACGGCTCCGATGAATCAGGCTCACGTTTTAACTACTGGATCCCCTTTGGAACATAAG
 CAGGCAGAGTGAAGACATGCGGATTTTGTAGCCGCTCCAAAAGAGGCTGGGTTTGAATCAAATGTTTGT
 CTGGAAGAATTTTCTGGACCTGAACCGATTCTCGTTGGCCGTTACACACAGATCTGGATCCTGGAAGCA
 AAAAAATCAAGTATATCCTATCGGGTATGGAGCTGGCACAATCTTTCAAATAAATGATATAACTGGAGA
 TATCCATGCTATCAAAGACTTGACCGAGAGGAAAAGGCTGAATATACGTTAACGGCTCAGGCAGTGGAC
 TTTGAGACAAACAAGCCCTTGAGCCTCCTTCTGAATTTATTATTAAGGTTCAAGATATCAACGACAATG
 CACCTGAGTTCCTCAATGGACCTTATCATGCTACTGTTCCAGAGATGTCCATTTTGGGTACATCTGTAC
 TAATGTAAGTCCACTGATGCTGACGACCCAGTTTATGAAAACAGTGCAAAGTTGGTTTACAGTATCTTG
 GAGGGACAGCCGATTTTTCCATTGAGCCTGAAACAGCCATTATAAAAACTGCCCTTCTAACATGGACA
 GAGAAGCCAAGGAGGAATACCTGGTCGTAATACAAGCCAAAGATATGGGTGGACACTCTGGTGGTCTGTC
 TGGAAACCAACACTCACAGTGACCCTGACTGATGTTAATGACAACTCTCCAAAATTTGCTCAGAGTTTG
 TATCACTTCTCAGTACCAGAAGATGTGGTCCTTGGCACTGCGATAGGAAGGGTTAAGGCTAATGATCAGG
 ATATTGGTGAAAATGCACAATCATCCTATGACATCATTGATGGAGATGGGACAGCACTATTCGAAATCAC
 TTCTGATGCCAGGCCAGGATGGTGTATAAGACTGAGAAAAGCCTCTGGACTTTGAGACCAAAAAATCC
 TATACTCTGAAGGTGGAAGCAGCCAATATCCACATCGACCCACGTTTCAGTAGCAGGGGACCCCTTAAGG
 ATACAGCAACAGTCAAAATTTGCTGTAGAGGATGCTGATGAGCCTCCGGTCTTCTTCACTCACTTACCT
 CCTTGAAGTTCATGAAAATGCTGCTTTGAACTCTGTGATTGGCCAAGTGACAGCTCGTGACCCTGATATC
 ACTTCCAGTCCAATAAGGTTTTCCATTGACCGCCACACTGACCTGGAAAGACAGTTCAACATCAATGCAG
 ATGATGGGAAGATAAACTGGCACTCCACTGGACAGAGAAGTAAAGTGTGGCACATCACCATCATTGC
 TACTGAGATCAGTCATTCAAACAGTAAGTGCCATGGACAAAGACGATCCCAAAAACGGACATTTTTTCTT
 GTACAGTCTTCTCCAGAAATGGTCAACAACCCAAATTTACCATCAAGAAAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC060200

Insert Size: 924 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: [BC060200](#)

RefSeq Size: 4334 bp

RefSeq ORF: 1526 bp

Locus ID: 12564

Cytogenetics: 8 49.4 cM

Gene Summary: This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion and regulate many morphogenetic events during development. The encoded preproprotein is further processed to generate a mature protein. Mice lacking the encoded protein exhibit reduced behavioral responses to cold, but not thermal stimuli. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. Multiple distinct genes of the cadherin family, including this gene, are found on chromosome 8. [provided by RefSeq, Oct 2015]