

Product datasheet for **MC221705**

Cdh20 (NM_011800) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh20 (NM_011800) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdh20
Synonyms:	Cdh7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221705 representing NM_011800
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGACTACGGGTAGAATGAGCAATGCAAAGAGTTGGCTTGGACTTGGACATCCTTGTACTTCTGGG
 CGCTGATGGACCTCACAGCCACTGTTCTCTCCAGCACTCCAATGCCAGAAGTTGAATTAGAAACACTCTT
 CTCTGGAAGGTCGCAGTCACATCAGCGAAGCAAGAGGAGCTGGGTTTGGAAATCAGTTTTTTGTCCTGGAA
 GAGTACACTGGGACTGACCCCTTGTATGTCGGCAAGCTTCATTACAGACATGGACAGAGGAGATGGATCCA
 TCAAATACATCCTTTCAGGAGAAGGAGCAGGCATCGTGTACCATTGATGACACCACTGGAGACATCCA
 TGCCATTACAGAGGCTCGACCGAGAAGAAAGAGCCCAATACTCTAAGGGCTCAAGCCCTAGACAGGAGA
 ACAGGCCGGCCAATGGAGCCAGAATCAGAGTTCATTATCAAAATCCAAGATATCAATGACAACGAGCCCA
 AGTTCCTGGATGGACCTTACATCGCCACTGTGCCAGAAATGTACCAGTAGGTACATCTGTTATCCAAGT
 GACAGCCACAGATGCTGATGACCAACCTATGGCAACAGTGCCCGGGTAGTGTACAGCATTCTCCAGGGC
 CAGCCATATTTTTCTGTGGACTCCAAAACAGGTGAATCAGAACAGCCCTTATGAACATGGACAGAGAAG
 CCAAGGAGTACTATGAAGTGATTATCCAAGCCAAGATATGGGAGGGCAACTGGAGGATTGGCTGGGAC
 CACAACAGTCAACATCACTCTCTCAGATGTCAATGATAACCCACCCCGATTTCCACAGAAACATTATCAG
 ATGAGTGTGCTAGAATCTGCTCCAATTAGCTCTACTGTGGGCAGAGTGTGGCAAGGACCTGGATGAAG
 GAATCAATGCAGAGATGAAGTATACCATTGTGGATGGAGATGGTGCAGATGCTTTTGATATTAATACAGA
 CAAAACCTTCAAAGTTGGCATCATAACTGTGAAGAAGCCCTGAGTTTTGAAAGCAAGAAAAGCTACACC
 CTGAAGGTGGAAGGATCCAATCCTCACCTAGAGATGCGTTTTCTGAACCTTGCCCATTTTCAGGACACAA
 CAACAGTGCACATCAGTGTGGAGGATGTGGACGAGCCCTGTGTTTGAGCCTGGCTTTATTTTGTGGA
 GGTGCCAGAGGATGTGACAATTGGAACAACCATACAGATCATTCTGCTAAGGACCCAGACGTAACCAAC
 AACTCAATCAGGTAATCCATTGACAGAGGACGACCCGGGAAGATTTTTCTATGTGGACATTACAACAG
 GTGCTCTAATGACTGCAAGACCACTAGACAGAGAAGAGTTCTCCTGGCATAATATAACTGTCCTTGTCTAT
 GGAAATGAACAATCCCTCCCAAGTGGGAAGTGTGCTGTGCAATCAAAGTCTCGATGTGAATGACAAC
 GCTCCAGAGTTTCCAGATTCTATGAAGCTTTTATCTGTGAAAATGCCAAAGCCGGACAGCTGATCCAGA
 CAGTGAGTGTGATCAAGATGACCCTACAATGGCCAACATTTCTACTACAGTTTGGCTCCTGAGGC
 TGCTAACAAACCCCAACTCACTGTCAGGGACAACCAAGATAATACTGCTCGGATTCTGACCCGGAGGTCC
 GGTTCCGACAGCAGGAGCAGAGCGTCTTCTACCTGCCATCCTCATCGCAGACAGCGGCCAGCCGTCC
 TCAGCAGCACCGCACGCTTACCATTCAAGTGTGACGCTGCAATGACGATGGCCACGTCATGTCCTGCAG
 CCCAGAGGCTATCTGCTCCCAGTCAGCTTGTGAGTGGGGTGCCTCATCGCCATCCTGGCCTGCATCTTT
 GTCCTCTTAGTGTGGTGTGCTCATCCTGTCCATGAGGCGACATCGCAAACAACCTACATCATCGACG
 ACGATGAGAACATCCACGAGAACATTGTGCGCTACGACGACGAGGGGGCGGCGAAGAGGACACAGAGGC
 CTTGACATCGCAGCCATGTGGAACCCGCGGAGGCGCAGGCAGGCGCCGCCCAAGACGCGCCAGGAC
 ATGCTCCCGAGATCGAGAGCCTGTCCCGCTACGTGCCTCAGACCTGCGCGGTGACGACGACGGTCCACA
 GCTACGTGCTGGCCAAGCTCTACGAGGCCGACATGGACCTGTGGCCCGCCCTTCGACTCCCTGCAGAC
 CTACATGTTTGAAGGGGACGGCTCTGTGGCCGGCTCGCTCAGCTCCCTGCAGTCAGCCACCTCGGACTCA
 GAGCAGAGCTTTGATTTCTCACGGACTGGGGACCCCGCTCCGAAAACGGCAGAACTCTACGGGGCGT
 CCGAGGGGCCCGCCCTTGTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011800
Insert Size: 2406 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:	<ol style="list-style-type: none">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_011800.4 , NP_035930.1
RefSeq Size:	3722 bp
RefSeq ORF:	2406 bp
Locus ID:	23836
UniProt ID:	Q9Z0M3
Cytogenetics:	1 49.42 cM
Gene Summary:	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types (By similarity).[UniProtKB/Swiss-Prot Function]