

Product datasheet for **MC221601**

Cdh7 (NM_172853) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh7 (NM_172853) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdh7
Synonyms:	9330156F07Rik; CDH7L; CDH7L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221601 representing NM_172853
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCTGGCCAAAGTGGAGTTGTGCCATTTTCTACAGCTTATAGCTCTCTTCCTTTGCTTCTCTGGAA
 TGAGTCAAGCTGAGCTGCCACGGTCCAGATCCAAGCCATACTTCCAGTCAGGAAGGTCCTCGACCAAGCG
 CAGCTGGGTTTGAATCAGTTCTTCGTGCTGGAAGAATACATGGGTTTCAGATCCCCTCTATGTAGGGAAG
 CTCCACTCTGATGTTGATAAAGGAGACGGTTCATCAAGTACATCTTGTGAGCGGAAGGGCAAGTTCAA
 TTTTCATTATTGATGAGAACACTGGTGATATCCATGCTACCAAGAGACTGGATCGGGAGGAGCAGGCCTA
 TTATACACTGAGAGCCCAAGCTCTGGACAGACTCACCAACAAGCCTGTGGAGCCTGAATCAGAGTTTGT
 ATCAAGATTCAGGATATCAATGACAATGAACCCAAATTTCTAGATGGTCCATACACAGCAGGAGTTCCTG
 AGATGTCTCCTGTAGGGACTTCAGTGGTACAAGTGACAGCAACAGATGCCGATGATCCTACATATGGCAA
 CAGTGCTCGAGTGGTGTATAGTATCTTCAAGGACAGCCATATTTCTCAGTGGAACCCAAAACAGGAGTC
 ATCAAGACTGCCCTTCCAACATGGATAGAGAGGCTAAAGACCAGTATTTGCTTGTCAATTCAGGCAAAGG
 ATATGGTTGGTCAAAATGGCGGACTGTCTGGAACACCTCAGTACTGTGACCCTAACTGATGTCATGA
 TAACCCACCTCGATTTCCACGAAGATCTTATCAGTATAATGTTCCAGAATCTTTGCCGTGGCATCAGTT
 GTGGCCAGAATTAAGCTGCAGATGCAGATATAGGAGTCAATGCAGAAATGGAATACAAAATAGTGGATG
 GTGATGGACTGGGCATTTTCAAGATATCTGCTGACAAAGACACACAAGAAGGAATCATTACAATACAAA
 GGAACCTGATTTTGAAGCCAAAACGAGTTATACACTGCGCATAGAAGCTGCAATCGAGATGCTGATCCC
 CGGTTTCTGAGCTTGGTCCATTTCAGTGACACAACAACGGTTAAGATAATTGTGGAAGATGTGGATGAGC
 CCCCTGTTTTTTTCCACCTTGTATCCCATGGAGGTGTCAGAAGCGCACAGGTGGGCATATCATTGG
 CACTGTAGCAGCTCATGACCCAGATTTCTCCAACAGCCCTGTGAGATATTCAATTGACAGAAACACAGAC
 TTGGAGAGATATTTCAATATTGATGCCAACAGTGGAGTTATTACTACTGCCAAATCATTGGATCGAGAGA
 CAAATGCGGTTTCAACATTACAGTCTTGCAATGGAGAGCCAGAATCCATCCCAGGTGGGGAGAGGCTA
 CGTGGCCATTACTATACTGGATATTAACGACAACGCACCTGAGTTCGCCATGGACTATGAAACCACTGTC
 TGTGAAAACGCTCAGCCAGGGCAGGTTATCCAGAAAATCAGTGCAGTAGATAAAGATGAGCCATCCAATG
 GACACCAGTTTTACTTCAGCTTAAACAACAGACATGACAAAATAACCACAACTTTTTCATTGAAAGATAACAA
 AGACAATACAGCCTCAATACTCACGAGAAGAAATGGCTTCCGAAGACAGGAACAATCAGTTTATTATCTG
 CCCATTTTCATTGTGGACAGTGGATCTCCTTCACTAAGCAGTACCAACACACTTACCATCCGTGTATGTG
 ACTGTGATGCTGATGGCATAGCCAGACCTGCAATGCAGAGGCCTATGTTCTACCTGCTGGCCTCAGCAC
 TGGGGCCTTGATAGCAATACTGGCCTGTGTCTGACACTATTGGTGTGATCCTCCTCATTGTCACTATG
 AGAAGACGAAAAAAGAGCCTCTCATTTTTGATGAGGAGAGGGATATCAGAGAAAACATAGTCAGATATG
 ATGATGAAGGCGGGGGAGAAGAAGACACAGAAGCCTTTGACATGGCTGCGCTGAGAAACCTCAATGCCAT
 AAGAGACAGCAAAACTCGGAGAGATGTGACTCCTGAAATTCAGTCTTGGAGTCGACCGACTTTTAAAAAC
 ATCCCAGATAATGTCATTTTTAGGGAATTTATTTGGGAAAGACTGAAAGAAGCTGATGTGGATCCAGGGG
 CTCCACCATATGACTCTTTCAGACTTATGCATTTGAAGGAAATGGCTCAGTAGCTGAATCTCTCAGTTC
 TTTAGATTCATCAGCTCAAACCTGATCAGAATTATGACTACCTTAGTGACTGGGGTCCCGTTTTAA
 CGACTAGCTGAAATGTATGGAATGGCCAAGAGAGTTTGTACTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_172853
Insert Size: 2358 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_172853.3 , NP_766441.1
RefSeq Size:	4269 bp
RefSeq ORF:	2358 bp
Locus ID:	241201
UniProt ID:	Q8BM92
Cytogenetics:	1 E2.1
Gene Summary:	<p>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. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene is located adjacent to a related cadherin gene on chromosome 1. [provided by RefSeq, Oct 2015]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Both variants 1 and 2 encode the same protein (isoform 1).</p>