

Product datasheet for **RN211850**

Cdh6 (NM_012927) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh6 (NM_012927) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdh6
Synonyms:	KCAD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211850 representing NM_012927
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGAACTTACCGTACTTCTTGTCTCTTTGGGTCGGCCAGCCCTACCCAACCTTCTCAAACCCGT
 TATCTAAAAGGACTAGTGGCTTCCAGCAAAGAGGAGGGCCCTGGAGCTCTCGCCAACAGCAGGAATGA
 GCTGAGCCGTTCAAAAAGGAGTTGGATGTGGAATCAGTTCTTCTCCTGGAGGAATACACGGGATCAGAT
 TATCAGTACGTCGGCAAGTTACATTCAGACCAGGATAGAGGAGATGGATCACTTAAATATATCCTTTCAG
 GAGATGGAGCGGGAGATCTTTCATTATCAATGAAAACACAGGCGACATAACAAGCCACCAAGAGGCTGGA
 CAGGGAAGAGAAAACCCGTTTACATCCTTCGAGCCCAAGCTATCAACAGAAGGACAGGGAGACCCGTCGAG
 CCTGAGTCTGAATTCATCATCAAGATCCATGACATCAATGATAATGAGCCAATATTCACCAAGGATGTTT
 ACACAGCCACAGTCCCGGAGATGGCAGATGTCGGAACATTTGTAGTCCAAGTCACAGCAACTGATGCCGA
 TGACCCGACGTACGGGAACAGTGTAAAGTCGTGTACAGCATCCTGCAGGGACAGCCCTACTTTTCAGTG
 GAGTCGGAAACAGGTATCATCAAGACAGCGTTGCTCAACATGGATCGAGAAAACAGAGAGCAGTACCAAG
 TGGTGATTTCAGGCCAAGGACATGGGCGGCCAGATGGGAGGACTGTCGGGGACCACGACCGTGAACATCAC
 ACTGACAGATGTCAATGACAATCCTCCTCGCTTCCCCAGAGTACCTATCAGTTTAAAGACTCCCGAGTCT
 TCTCCACCAGGAACCAATTGGCAGGATCAAAGCCAGTGTGCTGATGTGGGAGAAAAATGCAGAGATCG
 AGTACAGCATCACAGACGGTGAGGGACATGATATGTTTGACGTCAACCCGACCAGGAAACCCAGGAAGG
 GATTATAACTGTCAAAAAGCTCTTGGATTTTAAAAGAAGAGAGTGTACACCCTCAAGGTGGAAGCCTCC
 AATCCCCACATCGAACCCGATTTCTCTACCTGGTCCGTTCAAAGACTCGGCCACAGTGAAGATCGTGG
 TAGATGACGTAGATGAACCTCCTGTCTTCAGCAAACCCGCTACATCCTACAGATACGAGAGGATGCTCA
 GATAAACACAACCATAGGCTCTGTGCGAGCTCAGGATCCTGACGCTGCCAGGAATCCTGTCAAGTACTCG
 GTGGATAGACACACAGATATGGACAGGATATCAACATTGATTCTGGAATGGCTCCATTTTTACATCAA
 AACTTCTCGACCGGAAACGCTGTTGTGGCATAACATCACAGTATAGCAACGGAGATTAATAATCCAAA
 GCAAAGCAGCCGCTGCTCTATATATTAAGTTCTCGACGTCAATGACAATGCCCCAGAATTTGCTGAG
 TTCTATGAAACTTTTGTCTGTGAAAAAGCAAAGGCGGATCAGCTGATTACAGCCCTGCACGCTGTTGACA
 AGGATGATCCTTACAGTGGACACCAATTCTCTTCTTTGGCCCCAGAAGCAGCCAGTGGCTCTAATTT
 TACCATAACAAGACAACAAAGACAACACTGCAGGGATCCTAACTCGAAAAATGGCTATAACAGACACGAG
 ATGAGCACTTATCTCCTCGCGTGGTCAATTCAGACAACGACTACCCAGTCCAAAGCAGCACTGGGACAG
 TGAAGTGTCCGGTCTGTGATGTGACCACCATGGAACATGCAGTCTGCCACGCCGAGGCCCTCATCCA
 CCCCACAGGGCTGAGCACAGGGCTCTGGTGGCCATCCTTCTGTGCATCGTGATCCTACTAGTGACAGTG
 GTGCTGTTTCGAGCTCTGAGGCGGCAGCGAAAGAAAGAGCCTTTGATCATTTCCAAAGAGGACATCAGAG
 ACAACATTGTGAGTTACAACGACGAAGTTGGCGGAGAGGAAGACACCCAGGCCTTTGATATCGGAACCTT
 GAGGAACCCTAAGCCATGGAGACAGCAATCGCGCAGGGACATGGTGCCTGAAGCTCTTTTCTACCACGG
 CGGACTCCAACAGCTCGTGACAACACGGATGTGAGAGATTTTATTAGCCAAAGGTTAAGGAAAAATGAACA
 CGGACCCAACAGCCCTCCCTACGACTCCTTGGCCACCTATGCCTACGAAGGCACTGGCTCGGTGGCCGA
 CTCCTGAGCTCACTAGAATCAGTGACCACAGATGGAGACCAAGATTATGGCTATTTGAGTGACTGGGGC
 CCTCGGTTCAAAAAGCTGGCAGATATGTACGGAGGGATGGACAGTGACAAAGACTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2050_f06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_012927

Insert Size: 2370 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_012927.1 , NP_037059.1
RefSeq Size:	3594 bp
RefSeq ORF:	2370 bp
Locus ID:	25409
UniProt ID:	P55280
Cytogenetics:	2q16
Gene Summary:	may mediate calcium dependent cell adhesion; may play a role in ovarian development [RGD, Feb 2006]