

## Product datasheet for **RC226588A1V**

### Human LI Cadherin (CDH17) (NM\_001144663) AAV Particle

#### Product data:

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| Product Type:             | AAV Particles                                         |
| Product Name:             | Human LI Cadherin (CDH17) (NM_001144663) AAV Particle |
| Tag:                      | Myc-DDK                                               |
| Symbol:                   | CDH17                                                 |
| Synonyms:                 | CDH16; HPT-1; HPT1                                    |
| Mammalian Cell Selection: | None                                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                            |



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## ORF Nucleotide Sequence:

>RC226588 representing NM\_001144663  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGATACTTCAGGCCCATCTTCACTCCCTGTGTCTTCTATGCTTTATTTGGCAACTGGATATGGCCAAG  
 AGGGGAAGTTTAGTGGACCCCTGAAACCATGACATTTTCTATTATGAAGGCCAAGAACCGAGTCAAAT  
 TATATTCAGTTTAAGGCCAATCCTCCTGCTGTGACTTTTGAAGTAAGTGGGAGACAGACAACATATTT  
 GTGATAGAACGGGAGGGACTTCTGTATTACAACAGAGCCTTGGACAGGGAAACAAGATCTACTCACAATC  
 TCCAGGTTGCAGCCCTGGACGCTAATGGAATTATAGTGGAGGGTCCAGTCCCTATCACCATAGAAGTGAA  
 GGACATCAACGACAATCGACCCACGTTTCTCCAGTCAAAGTACGAAGGCTCAGTAAGGCAGAACTCTCGC  
 CCAGGAAAGCCCTTCTGTATGTCAATGCCACAGACCTGGATGATCCGGCCACTCCCAATGGCCAGCTTT  
 ATTACCAGATTGTCATCCAGCTTCCCATGATCAACAATGTTATGTACTTTCAGATCAACAACAAAACGGG  
 AGCCATCTCTTACCCGAGAGGGATCTCAGGAATTGAATCCTGCTAAGAATCCTTCTATAATCTGGTG  
 ATCTCAGTGAAGGACATGGGAGGCCAGAGTGAGAATTCCTTCAGTGATACCACATCTGTGGATATCATAG  
 TGACAGAGAATATTTGGAAGCACCAAAACCTGTGGAGATGGTGGAAAACCTCAACTGATCCTCACCCCAT  
 CAAAATCACTCAGGTGCGGTGGAATGATCCCGTGCACAATATTCCTTAGTTGACAAAGAGAAGTGCCA  
 AGATTCCTCATTTTCAATTGACCAGGAAGGAGATATTTACGTGACTCAGCCCTTGGACCGAGAAGAAAAGG  
 ATGCATATGTTTTTATGCAGTTGCAAAGGATGAGTACGGAACCACTTTTATATCCGCTGGAATTTCA  
 TGTAAGGTTAAAGATATTAATGATAATCCACCTACATGTCCGTACCAGTAACCGTATTTGAGGTCCAG  
 GAGAATGAACGACTGGTAACAGTATCGGGACCCCTTACTGCACATGACAGGGATGAAGAAAATACTGCCA  
 ACAGTTTTCTAACTACAGGATTGTGGAGCAAACTCCAAACTTCCCATGGATGGACTCTTCTAATCCA  
 AACCTATGCTGGAATGTTACAGTTAGCTAAACAGTCCCTGAAGAAGCAAGATACTCCTCAGTACAACCTTA  
 ACGATAGAGGTGTCTGACAAAGATTTCAAGACCCCTTGTGTTTGTGCAAAATCAACGTTATTGATATCAATG  
 ATCAGATCCCATCTTTGAAAAATCAGATTATGGAACCTGACTCTTGCTGAAGACACAAACATTGGGTC  
 CACCATCTTAACCATCCAGGCCACTGATGCTGATGAGCCATTTACTGGGAGTTCTAAAATTCTGTATCAT  
 ATCATAAAGGGAGACAGTGAGGGACGCCTGGGGTTGACACAGATCCCATACCAACACCGGATATGTCA  
 TAATTAAGGCTCTTGATTTTGAACAGCAGCTGTTTCCAACATTGTGTTCAAAGCAGAAAATCCTGA  
 GCCTCTAGTGTGTTGGTGTGAAGTACAATGCAAGTTCTTTGCCAAGTTCACGCTTATTGTGACAGATGTG  
 AATGAAGCACCTCAATTTTCCCAACACGTATTCCAAGCGAAAGTCAGTGAGGATGTAGCTATAGGCACTA  
 AAGTGGCAATGTGACTGCCAAGGATCCAGAAGGTCTGGACATAAGTTATTCAGTGAGGGGAGACACAAG  
 AGGTTGGCTTAAATGACCACGTGACTGGTGAGATCTTTAGTGTGGCTCCATTGGACAGAGAAGCCGGA  
 AGTCCATATCGGTACAAGTGGTGGCCACAGAAGTAGGGGGTCTTCTTGAGCTCTGTGTCAGAGTTCC  
 ACCTGATCCTTATGGATGTGAATGACAACCTCCAGGCTAGCCAAGGACTACACGGGCTTGTCTTCTG  
 CCATCCCTCAGTGCACCTGGAAGTCTCATTTTGGAGCTACTGATGATGATCAGCACTTATTTCCGGGT  
 CCCATTTTACATTTTCCCTCGGCAGTGAAGCTTACAAAACGACTGGGAAGTTTCCAAATCAATGGTA  
 CTCATGCCGACTGTCTACCAGGCACACAGACTTTGAGGAGAGGGAGTATGTCGCTTGTATCCGCATCAA  
 TGATGGGGTCCGCCACCCTTGAAGGCATTGTTCTTTACCAGTTACATTCTGCAGTTGTGTGAAGGA  
 AGTTGTTTCCGGCCAGCAGGTACCCAGACTGGGATACCACTGTGGGCATGGCAGTTGGTATACTGCTGA  
 CCACCCTTCTGGTGATTGGTATAATTTAGCAGTTGTGTTTATCCGCATAAAGAAGGATAAAGGCAAAGA  
 TAATGTTGAAAGTGCTCAAGCATCTGAAGTCAAACCTCTGAGAAGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC226588 representing NM_001144663</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MILQAHLHSLCLLMYLATGYGQEGKFSGLPKPMTFSIYEGQEPSQIIFQFKANPPAVTFELTGETDNIF<br/> VIEREGLLYYNRALDRETRSTHNLQVAALDANGIIVEGPVPIITIEVKDINDNRPTFLQSKYEGSVRQNSR<br/> PGKPFLVYNATDLDDPATPNGQLYYQIVQLPMINNVMYFQINNKTGAISLTREGSQELNPAKNPSYNLV<br/> ISVKDMGGQSENSFSDTTSVDIIVTENIWKAPKPVEMVENSTDPHPKITQVRWNDPGAQYSLVDKEKLP<br/> RFPFSIDQEGDIYVTQPLDREEKDAYVFYAVAKDEYKPLSYPLEIHVKVKDINDNPPTCPSPVTVFEVQ<br/> ENERLGNISIGTLTAHDRDEENTANSFLNYRIVEQTPKLPMDGLFLIQTYAGMLQLAKQSLKKQDTPQYNL<br/> TIEVSDKDFKTLCFVQINVIDINDQIPIFEKSDYGNLTLAEDTNIGSTILTIQATDADEPFTGSSKILYH<br/> IIKGDSEGRGLVDTPHTNTGYVVIKKPLDFETAAVSNIVFKAENPEPLVFGVKYNASSFAKFTLIVTDV<br/> NEAPQFSQHVFAKVSEDVAIGTKVGNVTAKDPEGLDISYSLRGDTRGWLKIDHVTGEIFSVAPLDREAG<br/> SPYRVQVVADEVGGSSLSVSEFHLILMDVNDNPPRLAKDYTGGLFFCHPLSAPGSLIFEATDDQHLFRG<br/> PHFTFSLGSGSLQNDWEVSKINGTHARLSTRHTDFEEREYVVLIRINDGGRPPLEGIVSLPVTFCSCVEG<br/> SCFRPAGHQTGIPTVGMVAVGILLTLLVIGIILAVVFIKIDKKGKDNVESAQASEVKPLRS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ACCN:             | NM_001144663                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:         | 2496 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Buffer:           | PBS with 0.001% Pluronic F9145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Stability:        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq:           | <u>NM_001144663.1</u> , <u>NP_001138135.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RefSeq ORF:       | 2499 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Locus ID:         | 1015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt ID:       | <u>Q12864</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cytogenetics:     | 8q22.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MW:               | 92.21 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |