

## Product datasheet for **RC204577A1V**

### Human KCTD12 (NM\_138444) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human KCTD12 (NM\_138444) AAV Particle  
Tag: Myc-DDK  
Symbol: KCTD12  
Synonyms: C13orf2; PFET1; PFETIN  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC204577 representing NM\_138444  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCTCTGGCGGACAGCACACGTGGATTACCCAACGGGGGCGGCGGGGGCGGCGAGTGGCTCCTCGT  
CGTCCTCCGCGGAGCCACCGCTTCCCCGACATCGTGGAGCTGAACGTGGGGGGCCAGGTGTACGTGAC  
CCGGCGCTGCACGGTGGTGTGGTGCCCGACTCGCTGCTCTGGCGCATGTTACGCAGCAGCAGCCGAG  
GAGCTGGCCCGGACAGCAAAGGCCGCTTTCTTCTGGACGGGACGGCTTCCTCTCCGCTACATCCTGG  
ATTACCTGCGGGACTTGACGCTCGTGTGCCCCGACTACTTCCCCGAGCGCAGCCGGCTGCAGCGCGAGGC  
CGAGTACTTCGAGCTGCCAGAGCTCGTGCGCCGCTCGGGGCGCCCCAGCAGCCCGGGGGCGGCCG  
CCCTCGCGGCGCGGGGTGCACAAGGAGGGCTCGCTGGGTGACGAGCTGCTGCCGCTTGGCTACTCGGAGC  
CCGAACAGCAGGAGGGCGCCTCTGCCGGGGCGCCGTCGCCCCAGCTGGAGCTGGCTAGCCGAGTCCGTC  
CGGGGGCGCGGGGGCCGCTGCTCACGCCGTCCAGTCGCTGGACGGCAGCCGGCGCTCGGGCTACATC  
ACCATCGGCTACCGCGGCTCCTACACCATCGGGCGGGACGCGCAGGCGGACGCCAAGTTCGGCGAGTGG  
CGCGCATCACCGTTTGGGAAAGACGTCGCTGGCCAAGGAGGTGTTGGGGACACCCTGAACGAAAGCCG  
GGACCCCGACCGTCCCCCGAGCGCTACACCTCGCGCTATTACCTCAAGTTCAACTTCTGGAGCAGGCC  
TTCGACAAGCTGTCCGAGTCGGGCTTCCACATGGTGGCGTGCAGCTCCACGGGCACCTGCGCCTTTGCCA  
GCAGCACCGACAGAGCGAGGACAAGATCTGGACCAGCTACACCGAGTACGTCTTCTGCAGGGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC204577 representing NM_138444</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MALADSTRGLPNGGGGGGSGSSSSSAEPPLFPDIVELNVGGQVYVTRRCTVVSVPDSSLWRMFTQQQPQ<br/>ELARDSKGRFFLDRDGLFRYILDYLRDLQLVLPDYFPERSRLQREAEYFELPELVRRLGAPQQPGPGPP<br/>PSRRGVHKEGSLGDELLPLGYSEPEQQEGASAGAPSPTLELASRSPSGGAAGPLLTPSQSLDGSRRSGYI<br/>TIGYRGSYTIGRDAQADAKFRRVARITVCGKTS LAKEVFGDTLNE SRDPDRPPERYTSRYYLKFNFLQA<br/>FDKLSSEGFHMACSSTGTCAFASSTDQSEDKIWTSYTEYVFCRE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ACCN:             | NM_138444                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ORF Size:         | 975 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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:           | <a href="#">NM_138444.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq Size:      | 6255 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RefSeq ORF:       | 978 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Locus ID:         | 115207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt ID:       | <a href="#">Q96CX2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cytogenetics:     | 13q22.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MW:               | 36.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |