

## Product datasheet for **RC218288A1V**

### Human C5ORF44 (TRAPPC13) (NM\_001093756) AAV Particle

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Human C5ORF44 (TRAPPC13) (NM_001093756) AAV Particle                           |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | C5ORF44                                                                        |
| Synonyms:                 | C5orf44; SHLD3                                                                 |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >RC218288 representing NM_001093756<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAAGTGAATCCCCCTAAACAGGAGCACCTGCTGGCGCTAAAAGTGATGCGGCTGACTAAGCCTACTT  
TATTCACCAATATCCCAGTAACATGTGAAGAGAAAGACTTACCTGGAGATCTCTTTAACCAGCTGATGAG  
AGATGATCCTTCAACCGTTAATGGTGCAGAAGTTTAAATGTTGGGAGAAATGCTGACTTTACCACAGAAT  
TTTGGGAATATATTTTGGGAGAGACCTTTCCAGTTATATCAGCGTTTCAATGATAGCAATCAAGTTG  
TAAAAGACATATTAGTAAAAGCTGATCTTCAGACAAGTTCTCAGCGTTTAAATCTTTAGCCTCCAATGC  
TGCAGTGGCTGAACCTAAACCGGATTGTTGTATTGATGATGTCATACATCATGAAGTCAAAGAAATTGGA  
ACACACATCTTGGTATGTGCTGTGAGTTATACAACTCAGGCTGGAGAAAAATGTATTTAGAAAATTCT  
TCAAAATTTAGGTTCTCAAACCATGGATGTGAAAACCAATTTTACAATGCAGAGACTGATGAAGTATT  
TCTGGAAGCCCAGATTGAGAATATGACAACCTCACCTATGTTTATGGAGAAGGTTTCACTGGAGCCATCT  
ATTATGTACAATGTAACAGAATTAAATTCAGTCAGCCAAGCTGGAGAATGTGTCTACGTTTGGGTCAA  
GAGCATATTTGCAACCAATGGATACACGCCAGTACTTATACTGCCTAAAGCCAAAGAATGAATTTGCAGA  
AAAAGCAGGCATCATTAAAGGGAGTAACAGTAATTGAAAATTTGGATATAGTATGGAACCAATCTAGGT  
GAAAGGGGAAGGTTACAGACCAGCCAATCTCAAGAATGGCTCCAGGTTATGGAGATGTTAGGTTGTCTT  
TGGAGGCAATACCAGATACCGTAAACCTTGAAGAACCTTTTCATATTACCTGTAAATAACAACTGCAG  
TGAAAGGACTATGGATCTGTTTTGAAATGTGCAATACCAATTCATCCACTGGTGTGGAATTTAGGA  
AGACAGCTGGGAAAGCTGCATCCAAGTTCTTCGCTCTGTCTTGCCTTACTCTGCTTTCTTCAGTACAGG  
GACTGCAAAGCATCTCTGGCTTAAGACTAACAGACACATTCTTAAAGAGAACATATGAATATGATGACAT  
CGCACAAGTCTGTGTGGTATCTCTGCCATTAAAGTGGAAAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC218288 representing NM_001093756</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEVNPPKQEHLALKVMRLTKPTLFTNIPVTCEEKDLPGDLFNQLMRDDPSTVNGAEVLMGEMLTLPQN<br/> FGNIFLGETFSSYISVHNDSNQVVKDILVKADLQTSSQRLNLSASNAVAELKPDCCIDDVIHHEVKEIG<br/> THILVCAVSYTTQAGEKMYFRKFFKFQVLKPLDVKTKFYNAETDEVFLEAQIQNMTTSPMFMKVSLEPS<br/> IMYNVTELSVSQAGECVSTFGSRAYLQPMQTRQYLCLKPKNEFAEKAGIIGVTVIGKLDIVWKTNLG<br/> ERGRLQTSQQLQRMAGYGDVRLSLEAIPDTVNLEEPFHITCKITNCERTMDLVLEMCNTNSIHWCGISG<br/> RQLGKLHPSSSLCLALTLLSSVQGLQSIGLRLTDTFLKRTYEYDDIAQVCVSSAIKVES</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ACCN:</b>             | NM_001093756                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ORF Size:</b>         | 1233 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Stability:</b>        | 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.                                                                                                       |
| <b>RefSeq:</b>           | <u>NM_001093756.1</u> , <u>NP_001087225.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>      | 3099 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>       | 1236 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>         | 80006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>       | <u>A5PLN9</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>     | 5q12.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MW:</b>               | 45.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |