

## Product datasheet for **RC218125A1V**

### Human **OR6C75 (NM\_001005497)** AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** OR6C75  
**Mammalian Cell** None  
**Selection:**  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC218125 representing NM\_001005497  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**

ATGAGAAATCCACAGCAGTAACAGACTTTATTCTTCTGGATTGACAAGTGACCCACAGTGGCAGGTTG  
TACTTTTCATATTCTTCTTGTACCTACATGTTAAGTGTGACTGGGAACCTGATCATTATCACCCTCAC  
CCTTTCAGATCCCCATCTGCAGACTCCCATGTATTTCTTCTCGGAACCTTCATTCTGGAAATTTCA  
TTCACGTCTGTCTGCATTCCCAGATTCCTTGCTCACTGTTGTGACAGGAACAGAACCATTTCTTATAATG  
GGTGTGTGGCTCAGCTATTTTTTTTCATCTTCTGGGGGTGACAGAATTTACCTTCTGGCTGCCATGTC  
CTATGACCGCTGCATGGCCATCTGCAAACCTCTTCATTACACAATCATCATGAGCACCAGAGTGTGTACC  
CTTCTTGTCTTTAGCTCCTGGCTTGCGAGGGTTTCTGATCATCTTTCCACCAGTAATGCTTCTGCTGCAGT  
TGGATTTCTGTGCCTCCAATGTAATTGATCATTTTATCTGTGACTCTTCTCCAATGCTGCAGCTCTCTTG  
CACAAACACTCACTTTCTAGAACTCATGGCATTTTTTTTAGCTGTGGTAACACTGATGGTCACCTTGACA  
TTAGTTATTCTCTCCTACAAACATCATCCGACAATTCTGAAAATTCCTTCTATGAGTCAAAGGAAAA  
AAGCCTTTTCACTTGCTCCTCCCATATGATAGTTGTCTCCATCTTTACAGTAGCTGTATCTTCATGTA  
CATTAAAGACTTCTGCCAGAGAAAGGTGACTTTAAGCAAAGGAGTAGCTGTGCTCAATACCTCAGTGGCT  
CCTCTCTGAATCCCTTCATATACACACTGAGAAATAAGCAAGTGAAGCAAGCCTTCAAGAGCATGGTCC  
AGAAGATGATTTTTTTCTTTAAATAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC218125 representing NM_001005497</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MRNSTAVTDFILLGLTSDPQWQVLFIFLLVTYMLSVTGNLIITLTLSDPHLQTPMYFFLRNFSFLEIS<br/> FTSVCIPRFLVTVTGNRTISYNGCVAQLFFFIFLGVTEFYLLAAMS YDRCAICKPLHYTIIMSTRVCT<br/> LLVFSSWLAGFLIIFPPVMLLLQLDFCASNVIDHFI CDSSPMLQLSCTNTHFLELMAFFLAVVTLMTLT<br/> LVILSYTNIIRTILKIPSMSQRKKAFSTCSSHMIVVSISSCIFMYIKTSARERVTL SKGVAVLNTSVA<br/> PLLNPFIYTLRNKQYKQAFKSMVQKMIFSLNK</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ACCN:</b>             | NM_001005497                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ORF Size:</b>         | 936 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_001005497.1, NP_001005497.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>      | 939 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq ORF:</b>       | 939 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Locus ID:</b>         | 390323                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID:</b>       | <u>A6NL08</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b>     | 12q13.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MW:</b>               | 35.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |