

## Product datasheet for **RC223537A1V**

### Human Exosome Component 9 (EXOSC9) (NM\_001034194) AAV Particle

#### Product data:

|                           |                                                                |
|---------------------------|----------------------------------------------------------------|
| Product Type:             | AAV Particles                                                  |
| Product Name:             | Human Exosome Component 9 (EXOSC9) (NM_001034194) AAV Particle |
| Tag:                      | Myc-DDK                                                        |
| Symbol:                   | Exosome Component 9                                            |
| Synonyms:                 | p5; p6; PCH1D; PM/Sci-75; PMSCL1; RRP45; Rrp45p                |
| Mammalian Cell Selection: | None                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                     |



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**ORF Nucleotide Sequence:**

>RC223537 representing NM\_001034194  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGGAAACGCCACTCTCAAACGCGCCGCTTCTACTCCGTGCCATCGAAGAGAAGAAGCGGC  
 TGGATGGCAGACAAACCTATGATTATAGGAACATCAGGATCTCATTTGGAACAGATTACGGATGCTGCAT  
 TGTGGAACCTGGAAAAACAAGAGTTCTTGGACAGGTTTCTGTGAACCTGTGTCTCCAAACTCAATCGG  
 GCAACAGAAGGTATTCTTTTTTTAACCTTGAACCTCTCTCAGATGGCCGCTCCAGCTTTCGAACCTGGCA  
 GGCAGTCAGATCTCTTGGTGAAGTTGAATCGACTCATGGAAGATGTCTAAGAAATTCGAAGTGATAGA  
 CACTGAGTCTCTGTGTGTTGCTGGTGAAGGTTTGGCAAATACGTGTAGACCTACATTTATTAAT  
 CATGATGGAAATATTATTGATGCTGCCAGCATTGCTGCAATCGTGGCCTTATGTCATTTCCGAAGACCTG  
 ATGTCTCTGTCCAAGGAGATGAAGTAACACTGTATACCTGAAGAGCGTGATCTGTACCATTAAGTAT  
 CCACCACATGCCATTTGTGTCAGTTTTGCCTTTTCCAGCAAGGAACATATTTATTGGTGGATCCCAAT  
 GAACGAGAAGAACGTGTGATGGATGGCTTGCTGGTGATTGCCATGAACAAACATCGAGAGATTTGTACTA  
 TCCAGTCCAGTGGTGGGATAATGCTACTAAAAGATCAAGTTCTGAGATGCAGTAAATCGCTGGTGTGAA  
 AGTAGCAGAAATTACAGAGCTAATATTGAAAGCTTTGGAGAATGACCAAAAAGTAAGGAAAGAAGGTGGA  
 AAGTTTGGTTTTCAGAGTCTATAGCAAATCAAAGGATCACAGCATTTAAATGGAAAAGGCCCTATTG  
 ATACCTCGGATGTAGAAGAAAAAGCAGAAGAAATCATTGCTGAAGCAGAACCTCCTTCAGAAGTTGTTTC  
 TACACCTGTGCTATGGACTCCTGGAACGCCCAATTTGGAGAGGGAGTAGAAAACCTCTGGGGTGATCTT  
 GAAGACTCTGAGAAGGAAGATGATGAAGGCGGTGGTGATCAAGCTATCATTCTTGATGGTATAAAATGG  
 AACTGGAGTAGAAGTCTCTGATATTGGAAGCCAAGAGCTGGGGTTTCACCATGTTGGCCAGACTGGACT  
 CGAGTTCTGACCTCAGATGCTCCATAATACTCTCAGATAGTGAAGAAGAAGAAATGATCATTTTGGAA  
 CCAGACAAGAATCCAAAGAAAAAAGAACAACAGACCACCAAGTGAACAAACAGAAAAAGCACCAAGTAAAA  
 AGCCAGTGAAAAAGAAGAAAAAGAAGAGAGCTGCCAAT

**ACGCGT**ACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC223537 representing NM\_001034194  
 Red=Cloning site Green=Tags(s)

MKETPLSNCERRFLLRAIEKKRLDGRQTYDYRNIRISFGTDYGCCIVELGKTRVLGQVSCSELVSPKLN  
 ATEGILFFNLELSQMAAPAFEPGRQSDLLVKLNRLMERCLRNKCIDTESLCVVAGEKVWQIRVDLHLLN  
 HDGNIIDAASIAAIVALCHFRPDVSVQGDEVLTYPTEERDPVPLSIHMPICVSFAFFQGTYYLLVDPN  
 EREERVMDGLLVIAMNKHREICTIQSSGIMLLKDQVLRCSKIAGVKVAEITELILKALENDQKVRKEGG  
 KFGFAESIANQRITAFKMEKAPIDTSDVEEKAEIIAEAEPPSEVVSTPVLWTPGTAGIIGEGVENSWDL  
 EDSEKEDDEGGDQAIILDGIKMDTGVEVSDIGSQELGFHHVGTGLEFLTSDAPIILSDSEEEEMIILE  
 PDKNPKKIRTQTTSKQEKAPSKPKPKRRKKKRAAN

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001034194

**ORF Size:**

1368 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:       | <u>NM_001034194.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq Size:  | 1644 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1371 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 5393                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u>Q06265</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 4q27                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:           | 50.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |