

## Product datasheet for **RC200285A1V**

### Human Growth Arrest Specific Protein 7 (GAS7) (NM\_201432) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** Growth Arrest Specific Protein 7  
**Mammalian Cell** None  
**Selection:**  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC200285 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGAAGCCTGGAATGGTCCCCCTCCGCCGGGAGAAGAAAGCCAGACGGTCATCCTTCCACCTGGCTGGC  
AGAGCTACCTGTCGCCTCAGGGCCGGCGTACTATGTCAACACGACCACCAATGAGACCCTGGGAACG  
TCCCAGCAGTTCTCCTGGGATTCCAGCCAGCCCTGGCTCTCACAGGAGCTCTCTGCCTCCAACAGTGAAT  
GGATACCACGCATCAGGACCCAGCGCACCTCCAGAGACTGCCACATGAGTGTCCGAAAATCCACCG  
GTGATTTCCAGAACCTGGGATCCTCATCGCCAAGCAAAAAGCAGAGCAAGGAAAACACCATCACAATAAA  
CTGTGTGACGTTCCCTCACCCAGACACGATGCCGGAACAGCAGCTGCTGAAACCAACCGAGTGGAGCTAC  
TGCGACTACTTCTGGGCTGATAAGAAGGACCCCAAGGCAACGGCACCGTGGCTGGGTTTGAAGTACTGC  
TCCAGAAACAGCTGAAGGGCAAACAATGCAGAAGGAAATGTCAGAATTCATCCGGGAAAGGATAAGAT  
TGAAGAAGACTATGCGAAGAAGCTTAGCTAAGCTCTCTCAGAATCCTTGGCTTACAGGAGGAAGGCTCC  
TTGGGAGAGGCGTGGGCCAGGTGAAGAAGAGCCTGGCGGACGAAGCAGAAGTTCACCTCAAGTTCTCTG  
CCAAGCTTACAGCGAGGTGGAGAAGCCCTGATGAATTCCTGTGAGAATTCAGAAAGACATGAAGAA  
GTGCGACCAACACATTGCCGACCTTCGCAAGCAGCTCGCCAGCCGCTATGCCTCGGTGGAGAAGGCCCGG  
AAAGCCCTCACAGAGCGGCAGAGAGACCTGGAGATGAAGACCCAGCAGCTGGAGATCAAGCTGAGCAACA  
AGACAGAGGAGGACATCAAGAAGGCGCGGAGAAAGTCCACACAGGCTGGAGACGACCTCATGCGCTGTGT  
GGATCTCTACAACCAAGGCCAGTCCAATGGTTTGAAGAGATGGTGACCACACATTGGAGCTAGAGCGG  
CTGGAGGTGGAGAGGTAGAGATGATCCGGCAGCACCTGTGCCAGTACACGAGCTGCGGCATGAACAG  
ACATGTTCAACCAAGCACAGTCGAGCCCGTGGATCAGCTGCTTCGAAAAGTGGACCCGCCAAAGACAG  
GGAGCTGTGGGTACAGAGACACAAGACGGGCAACATCCGCCCTGTGGACATGGAGATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Protein Sequence:</b> | <p>&gt;RC200285 protein sequence<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MKPGMVPPPPGEESQTVILPPGWQSYLSPQGRYYVNTTTNETTWERPSSSPGIPASPGSHRSSLPPTVN<br/> GYHASGTPAHPPETAHMSVRKSTGDSQNLGSSSPSKKQSKENTITINCVTFFPHPDTPMEQQLLKPTESY<br/> CDYFWADKKDPQNGTVAGFELLQKQLKGKQMQKEMSEFIRERIKIEEDYAKNLAKLSQNSLASQEEGS<br/> LGEAWAQVKKSLADEAEVHLKFSAKLHSEVEKPLMNFRENFKDKMKCDHHIADLRKQLASRYASVEKAR<br/> KALTERQRDLEMKTQQLKLEIKLSNKTEEDIKKARRKSTQAGDDLRCVDLYNQAQSKWFEEMVTTTLELER<br/> LEVERVEMIRQHLQYTLRHETDMFNQSTVEPVDQLLRKVDPAKDRELWVREHKTGNIRPVDMEI</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ACCN:</b>             | NM_201432                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ORF Size:</b>         | 1248 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_201432.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>      | 8181 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq ORF:</b>       | 1251 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>         | 8522                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID:</b>       | <u>O60861</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>     | 17p13.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW:</b>               | 47.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |