

## Product datasheet for **RC232682A1V**

### Human HYAL3 (NM\_001200029) AAV Particle

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Human HYAL3 (NM_001200029) AAV Particle                                        |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | HYAL3                                                                          |
| Synonyms:                 | HYAL-3; LUCA-3; LUCA3                                                          |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >RC232682 representing NM_001200029<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACCACGCAACTGGGCCCAGCCCTGGTGCTGGGGTGGCCCTGTGCCTGGGTTGTGGCCAGCCCCTAC  
CACAGGTCCCTGAACGCCCTTCTCTGTGCTGTGGAATGTACCCTCAGCACACTGTGAGGCCCGCTTTGG  
TGTGCACCTGCCACTCAATGCTCTGGGCATCATAGCCAACCGTGGCCAGCATTTTCACGGTCAGAACATG  
ACCATTTTCTACAAGAACCAACTCGGCCTCTATCCCTACTTTGGACCCAGGGGCACAGCTCACAATGGGG  
GCATCCCCCAGGCTTTGCCCTTGACCGCCACCTGGCACTGGCTGCCTACCAGATCCACCACAGCCTGAG  
ACCTGGCTTTGTGGCCAGCAGTGCTGGATTGGGAGGAGTGGTGTCCACTCTGGGCTGGGAATGGGGC  
CGCCGCCGAGCTTATCAGGCAGCCTCTTGGGCTTGGGCACAGCAGGTATTCCTGACCTGGACCCTCAGG  
AGCAGCTCTACAAGGCCTATACTGGCTTTGAGCAGGCGGCCCGTGCCTGATGGAGGATACGCTGCGGGT  
GGCCAGGCACTACGGCCCCATGGACTCTGGGGCTTCTACTACCCAGCCTGTGGCAATGGCTGGCAT  
AGTATGGCTTCCAATAACCGGCCGCTGCCATGCAGCCACCCTTGCCCGCAACACTCAACTGCATTGGC  
TCTGGGCCGCTCCAGTGCCCTCTCCCGAGCATCTACCTCCACCCAGGCTGCCACCTGCCACCACCA  
GGCCTTTGTCCGACATCGCCTGGAGGAGCCTTCCGTGTGGCCCTTGTGGGCACCGACATCCCCTGCCT  
GTCCTGGCCTATGTCCGCTCACACACCGGAGATCTGGGAGGTTCTGTCCAGGATGACCTTGTGCAGT  
CCATTGGTGTGAGTGCAGCACTAGGGGAGCGCGCTGGTGTCTGGGGGGACCTGAGCCTCTCCAGCTC  
TGAGGAGGAGTGTGGCATCTCCATGACTACCTGGTGGACACCTTGGGCCCTATGTGATCAATGTGACC  
AGGGCAGCGATGGCCTGCAGTACCAGCGGTGCCATGGCCACGGGCGCTGTGCCCGGCGAGATCCAGGAC  
AGATGGAAGCCTTTCTACACCTGTGGCCAGACGGCAGCCTTGAGATTGGAAGTCCTTCAGCTGCCACTG  
TACTGGGGCTGGGCTGGCCCCACCTGCCAGGAGCCAGGCCTGGGCCTAAAGAAGCAGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC232682 representing NM_001200029</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTTQLGPALVLGVALCLGCGQLPQVPERPFSVLWNVPSAHCEARFGVHPLNALGIIANRGQHFHGQNM<br/> TIFYKNQLGLYPYFGPRGTAHNGGIPQALPLDRHLALAAQYIHHSLRPGFAGPAVLDWEEWCPLWAGNNG<br/> RRRAYQAASWAWAQVFPDLDPQEQLYKAYTGFEQAARALMEDTLRVAQALRPHGLWGFYHYPACGNGWH<br/> SMASNYTGRCHAATLARNTQLHWLWAASSALFPSIYLPRLPPAHHQAFVRHRLAAFRVALVGHRHPLP<br/> VLAYVRLTHRRSGRFLSQDDLVSIGVSAALGAAGVVLWGDLSLSSSEEECWHLHDYLDLGPYVINVT<br/> RAAMACSHQRCGHGRCARRDPQMEAFHLWPDGSLGDWKSFSCHCYWGAGPTCQEPKPGKEAV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ACCN:</b>             | NM_001200029                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ORF Size:</b>         | 1251 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>           | <a href="#">NM_001200029.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>      | 1731 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>RefSeq ORF:</b>       | 1254 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Locus ID:</b>         | 8372                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID:</b>       | <a href="#">O43820</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | 3p21.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MW:</b>               | 46.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |