

## Product datasheet for **RC208327A1V**

### Human HS3ST3A1 (NM\_006042) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human HS3ST3A1 (NM_006042) AAV Particle                           |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | HS3ST3A1                                                          |
| Synonyms:                 | 3-OST-3A; 3OST3A1                                                 |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC208327 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCCTCCGGGCCCGGCCAGTGCCCTCTCCACCTCGGCCGAGCCGCTGTCCCGCAGCATCTTCCGGA  
AGTTCTTGCTGATGCTCTGCTCCCTGCTCACGTCCCTTTACGTTCTACTGCCTGGCCGAGCGCTGCCA  
GACCTGTCCGGCCCCGTCGTGGGGCTGTCCGGCGGCGGAGGAGGCGGGGCCCTGGTGGCGGCGTC  
CTGGCCGAGGGCCGAGGGAGCTGGCGGTGTGGCCGGCGGCGCACAGAGAAAGCGCCTCTGCAACTGC  
CGCAGTGGCGGAGGCGCCGGCCCGCCCGCCCGCAGCAGCGGAGGAGCGGCCTGGGAAGAAGAGT  
CCCTGGCCTGTCAAGGGGTCCGGGCGGCTCCGGGCGGGAAGCACCGTGGCCGAGGCCCGCCGGGGACC  
CTGGCGCTGCTCCTGGACGAAGGCAGCAAGCAGCTGCCGAGGCCATCATCATCGGAGTGAAGAAGGGCG  
GCACGCGGGCGCTGCTGGAGTTCCTGCGCTGCACCCGACGTGCGCGCCGTGGGCGCCGAGCCCCACTT  
CTTCGACCGCAGCTACGACAAGGGCCTCGCCTGGTACCGGGACCTGATGCCAGAACCTGGACGGGCAG  
ATCACCATGGAGAAGACGCCAGTTACTTCGTACGCGGGAGGCCCCCGCGGCATCTCGGCCATGTCCA  
AGGACACCAAGCTCATCGTGGTGGTGGCGGACCCGGTGACAGGGCCATCTCGGACTACACGAGACGCT  
GTCCAAGCGGCCGACATCCCCACCTTCGAGAGCTTGACGTTCAAAAACAGGACAGCGGGCCTCATCGAC  
ACGTCGTGGAGCGCCATCCAGATCGGCATCTACGCCAAGCACCTGGAGCACTGGCTGCGCCACTTCCCCA  
TCCGCCAGATGCTCTTCGTGAGCGGCGAGCGGCTCATCAGCGACCCGGCCGGGAGCTGGGCCGCGTGCA  
AGACTTCTGGCCTCAAGAGGATCATCACGGAAGCACTTCTACTTCAACAAGACCAAGGGCTTCCCC  
TGCCTGAAGAAGGCGGAGGGCAGCAGCCGGCCCCATTGCTGGGAAGACCAAGGGCAGGACCCATCCTG  
AGATCGACCGCAGGTGGTGGCAGGCTGCGCAGTTCACCGGCCTTCAACCTCAAGTTCTACCAGAT  
GACCGGCACGACTTTGGCTGGGATGGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC208327 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAPPGPASALSTSAEPLSRIFRKFLMLCSLLTSLYVFYCLAERCQTLSPVVGLSGGGEEAGAPGGGV<br/> LAGGPRELAVWPAAAQRKRLQLPQWRRRRPPAPRDDGEEAAWEEESPGLSGGPGSGAGSTVAEAPPGT<br/> LALLLDEGSKQLPQAIIGVKKGGTRALLEFLRVHPDVRAVGAEPHFFDRSYDKGLAWYRDLMPRTLGGQ<br/> ITMEKTPSYFVTREAPARISAMSKDTKLIVVVRDPVTRAISDYTQTLKRDPDIPTFESLTFKNRTAGLID<br/> TSWSAIQIGIYAKHLEHWLRHFPIRQMLFVSGERLISDPAGELGRVQDFLGLKRIITDKHFYFNKTKGFP<br/> CLKKAEGSSRPCHLGKTKGRTHPEIDREVVRRLREFYRPFNLKFYQMTGHDFGWDG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ACCN:             | NM_006042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ORF Size:         | 1218 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:           | <a href="#">NM_006042.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:      | 2546 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq ORF:       | 1221 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Locus ID:         | 9955                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt ID:       | <a href="#">Q9Y663</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cytogenetics:     | 17p12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MW:               | 44.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |