

## Product datasheet for **RC210831A1V**

### Human MST1 (STK4) (NM\_006282) AAV Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | AAV Particles                              |
| Product Name:             | Human MST1 (STK4) (NM_006282) AAV Particle |
| Tag:                      | Myc-DDK                                    |
| Symbol:                   | MST1                                       |
| Synonyms:                 | KRS2; MST1; YSK3                           |
| Mammalian Cell Selection: | None                                       |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                 |



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**ORF Nucleotide Sequence:**

>RC210831 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGACGGTACAGCTGAGGAACCCGCCGCCGCGCAGCTGAAAAAGTTGGATGAAGATAGTTTAAACCA  
 AACCAACAGAAGAAGTATTTGATGTCTTAGAGAACTTGAGAAGGGTCTATGGCAGCGTATACAAAGC  
 TATTCATAAAGAGACCGGCCAGATTGTTGCTATTAAGCAAGTTCCTGTGGAATCAGACCTCCAGGAGATA  
 ATCAAAGAAATCTCTATAATGCAGCAATGTGACAGCCCTCATGTAGTCAAATATTATGGCAGTTATTTTA  
 AGAACACAGACTTATGGATCGTTATGGAGTACTGTGGGCTGGTCTGTATCTGATATCATTGATTACG  
 AAATAAACGTTAACAGAAGATGAAATAGCTACAATATTACAATCAACTCTTAAGGGACTTGAATACCTT  
 CATTTTATGAGAAAAATACCCGAGATATCAAGGCAGGAAATATTTTGTAAATACAGAAGGACATGCAA  
 AACTTGCAGATTTTGGGTAGCAGGTCAACTTACAGATACCATGGCCAAGCGGAATACAGTGATAGGAAC  
 ACCATTTGGATGGCTCCAGAAGTGATTGAGGAAATGGATACAACCTGTGTAGCAGACATCTGGTCCCTG  
 GGAATAACTGCCATAGAAATGGCTGAAGGAAAGCCCCCTTATGCTGATATCCATCCAATGAGGGCAATCT  
 TCATGATTCCTACAAATCCTCCTCCACATTCCGAAAACCAGAGCTATGGTCAGATAACTTTACAGATTT  
 TGTGAAACAGTGTCTTGTAAAGAGCCCTGAGCAGAGGGCCACAGCCACTCAGCTCCTGCAGCACCCATTT  
 GTCAGGAGTGCCAAAGGAGTGTCAACTACTGCGAGACTTAATTAATGAAGCCATGGATGTGAAACTGAAAC  
 GCCAGGAATCCAGCAGCGGGAAGTGGACCAGGACGATGAAGAAAACCTCAGAAGAGGATGAAATGGATTC  
 TGGCAGATGGTTCGAGCAGTGGGTGATGAGATGGGCACTGTCCGAGTAGCCAGCACCATGACTGATGGA  
 GCCAATACTATGATTGAGCAGATGACACGTTGCCATCACAACGGGCACCATGGTGATCAATGCAGAGG  
 ATGAGGAAGGAAGGAACTATGAAAAGAAGGGATGAGACCATGCAGCCTGCGAAAACCATCTTTCTTGA  
 ATATTTTGAACAAAAAGAAAAGGAAAACAGATCAACAGCTTTGGCAAGAGTGTACCTGGTCCACTGAAA  
 AATTCTTCAGATTGAAAATACCACAGGATGGAGACTACGAGTTTCTTAAGAGTTGGACAGTGGAGGACC  
 TTCAGAAGAGGCTCTTGGCCCTGGACCCATGATGGAGCAGGAGATTGAAGAGATCCGGCAGAAGTACCA  
 GTCCAAGCGGCAGCCATCCTGGATGCCATAGAGGCTAAGAAGAGACGGCAACAAAACCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC210831 protein sequence  
 Red=Cloning site Green=Tags(s)

METVQLRNPPRRQLKKLDEDSLTKQPEEVFDVLEKLGEGSYGSVYKAIHKETGQIIVAIKQVPVESDLQEI  
 IKEISIMQQCDSPHVVKYYGSYFNKNDLWIVMEYCGAGSVSDIIRLRNKTLTEDEIATILQSTLKGLEYL  
 HFMRKIHRDIKAGNILLNTEGHAKLADFGVAGQLTDTMAKRNTVIGTPFWMAPEVIQEIYNCVADIWSL  
 GITAIEMAEGKPPYADIHPMRAIFMIPTNPPPTFRKPELWSDNFTDFVKQCLVKSPEQRATATQLLQHPF  
 VRSAGVSIIRDLINEAMDVCLKRQESQREVDQDDEENSEEDEMDSGTMVRAVGDEMGTVRVASTMTDG  
 ANTMIEHDDTLPSQLGTMVINAEEDEEGTMKRRDETMPAKPSFLEYFEQKEKENQINSFGKSVPGPLK  
 NSSDWKIPQGDYEFKSWTVEDLQKRLALDPMMEQEIIEIRQKYQSKRQPIILDAIEAKRRRQNF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_006282

**ORF Size:**

1461 bp

**Buffer:**

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><a href="#">NM_006282.2</a></u>  |
| <b>RefSeq Size:</b>  | 6344 bp   |
| <b>RefSeq ORF:</b>   | 1464 bp   |
| <b>Locus ID:</b>     | 6789  |
| <b>UniProt ID:</b>   | <u><a href="#">Q13043</a></u>   |
| <b>Cytogenetics:</b> | 20q13.12  |
| <b>MW:</b>           | 55.6 kDa  |