

## Product datasheet for **RC215497A1V**

### Human ST8SIA4 (NM\_175052) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human ST8SIA4 (NM\_175052) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** ST8SIA4  
**Synonyms:** PST; PST1; SIAT8D; ST8SIA-IV  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC215497 representing NM\_175052  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCGCTCCATTAGGAAGAGGTGGACGATCTGCACAATAAGTCTGCTCCTGATCTTTTATAAGACAAAAG  
AAATAGCAAGAACTGAGGAGCACCAGGAGACGCAACTCATCGGAGATGGTGAATTGTCTTTGAGTCGGTC  
ACTTGTCAATAGCTCTGATAAAATCATTGAAAGGCTGGCTCTTCAATCTCCAGCACAATGTAGAAGGT  
TGGAAAATCAATTCCTCTTTGGTCTAGAGATAAGGAAGAACATACTTCGTTTCTTAGATGCAGAACGAG  
ATGTGTCAGTGGTCAAGAGCAGTTTTAAGCCTGGTGATGTCATACACTATGTGCTTGACAGGCGCCGGAC  
ACTAAACATTTCTCATGATCTACATAGCCTCTACCTGAAGTTTACCAATGAAGAATCGCAGGTTTAAG  
ACCTGTGCAGTTGTTGAAATCTGGCATTCTGTTAGACAGTGAATGTGGAAGGAGATTGACAGTCACA  
ATTTTGAATAAGG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC215497 representing NM\_175052  
Red=Cloning site Green=Tags(s)

MRSIRKRWITICTISLLLIFYKTEIARTEEHQETQLIGDGELSLSRSLVNSSDKIIRKAGSSIFQHNEVG  
WKINSSLVLEIRKNILRFLDAERDVSVKSSFKPGDVIHYVLDRRRTLNIHDLHSLLEPVSMPKNRRFK  
TCAVVGNSGILLDSECGKEIDSHNFVIR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2



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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_175052                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 504 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><a href="#">NM_175052.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 1887 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 507 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 7903                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u><a href="#">Q92187</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 5q21.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 19.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |