

## Product datasheet for **RC207399A1V**

### Human FSIP1 (NM\_152597) AAV Particle

#### Product data:

|                           |                                      |
|---------------------------|--------------------------------------|
| Product Type:             | AAV Particles                        |
| Product Name:             | Human FSIP1 (NM_152597) AAV Particle |
| Tag:                      | Myc-DDK                              |
| Symbol:                   | FSIP1                                |
| Synonyms:                 | HSD10                                |
| Mammalian Cell Selection: | None                                 |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)           |



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## ORF Nucleotide Sequence:

>RC207399 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGATATTATAAAGGGAACCTAGATGGAATTTCAAACACGCTTCAAATTCAGAATACGCCCTGGGA  
 GCAGAAGTTCAAATGCTTCTTTGGAGGTGCTCTCAACAGAACCAGGATCCTTCAAGGTCGATACTGCAAG  
 CAACTTGAAGTCTGGTAAAGAGGACCACTCCGAAAGCAGTAATACAGAGAACAGAAGAACTAGTAATGAT  
 GATAAGCAGGAAAGCTGCTCTGAGAAAAATAAATTGGCTGAAGAGGGATCAGATGAAGATCTGGATTGG  
 TTCAACATCAGATAATCTCTGAGTGTTGAGATGAACCCAAATTAAGAATTAGATTCTCAACTTCAAGA  
 TGCTATTCAGAAGATGAAAAAATTGATAAAATATTGGCAAAGAAACAACGCAGAGAAAAAGAAATTAAG  
 AAGCAAGGTCTAGAAATGAGAATAAAGCTGTGGGAAGAAATTAAGTCTGCAAAATATAGTGAAGCTTGGC  
 AAAGTAAAGAGGAGATGAAAAATACAAAAAATTTTATCTTTGACTGCTGTTTCTGAAGAACTGTTGG  
 TCCTTCTCATGAGGAGGAAGACACCTTTTCTCAGTGTTTCATACTCAAATCCCTCCAGAAGAATATGAA  
 ATGCAGATGCAGAAACTCAATAAAGATTTTACCTGTGATGTGGAAGAAATGAGTCATTGATCAAATCAG  
 GAAAGAAACCTTTCTCGAATACAGAAAAGATTGAGCTCAGGGGTAACACAACAGGATTTTATTAAGAG  
 AAACATTGAGTTGGCCAAGGAATCAAGAAACCCAGTGGTTATGGTTGACAGAGAGAAGAAAGGCTGGTT  
 GAGCTTTTGAAGGACTTGGATGAGAAAGATTCCGGGCTCTCCAGTTCTGAGGGTGATCAGTCTGGCTGGG  
 TGGTCCCAAGTAAAGGATATGAAGTGCAGTCAACCCAGCATCAGCAGCTTGCTGAAATGATATAAACT  
 CCAAGAACTCTCTGCAGCCTCCCTACAATTTCCAGTTTTTCTCAAGACTTGAAATCGGAATAATCAG  
 AAACCTGACCATGATGGTGAAAGAAATATGGAAGTAACTCCAGGAGAAAAAGATACTTAGGAACACCAAAG  
 AGCAACGCGATCTGCATAATCGGCTGAGAGAGATTGATGAAAGCTGAAATGATGAAGGAAATGTGTT  
 AGAGTCCACATCAGTCTCTCTGAAGAACAGTTAAAGTGTCTTCTGGATGAATGCATACTTAAACAAAA  
 TCCATCATTAACTTTCTTCAAGAAAGAAAAAGGAAGACATTGAGGACGTAACACCTGTGTTCCCCCAGC  
 TTTCCAGGTCCATCATCTCTAAATTGCTAAATGAATCAGAAACAAAGTCCAGAAACTGAGGTAGAAGA  
 TGCAGATATGCTTGAAGTGAAGAAATGTGAAGCTTCTAAAGGCTACTATCTCACTAAAGCCTTGACTGGA  
 CATAATATGTCAGAAGCTCTTGCTCACTGAAGCAGAGAATATGAAATGCCTTCAATTTTCAAGGACGTTA  
 TTATTAGTGACACAAAAGACTATTTATGTGCAAGACTCTTGGCATTGGGAGACTGAAAAGGCCCTCCTT  
 CTTAGATGATCCACTGTATGGTATCAGTGTGAGCCTTTCATCAGAAGACCAACATCTGAAACTCAGTTCT  
 CCAGAGAATACAATAGCAGATGAGCAGGAGACTAAAGATGCAGCAGAAGATGTAAGAAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC207399 protein sequence  
 Red=Cloning site Green=Tags(s)

MDIIKGNLDGISKPASNSRIRPGSRSSNASLEVLSTEPGSFKVDTASNLNSGKEDHSESSNTENRRTSND  
 DKQESCSEKIKLAEEGSDLDLVQHIISECSDEPKLKELDSQLQDAIQMKKLDKILAKKQRREKIK  
 KQGLEMRIKLWEEIKSAKYSEAWQSKEEMENTKKFLSLTAVSEETVGPSSHEEEDTFSSVFHTQIPPEEYE  
 MQMQKLNKDFTCOVERNESLIKSGKKPFSNTEKIELRGKHNDQFIKRNIELAKESRNPVVMVDREKKRLV  
 ELLKDLDEKDSGLSSSEGDQSGWVVPVKGYLEAVTQHQLAEIDIKLQELSAASPTISSFSRPLENRNNQ  
 KPDHDGERNMEVTPGEKILRNTKEQRDLHNRLREIDEKLMMKENVLESTSRLEEQKCLLDECILKQK  
 SIKLSSERKKEDIEDVTPVPQLSRSIISKLLNESETKVQKTEVEDADMLESEECEASKGYLTKALTG  
 HNMSEALVTEANMKLQFSKDVIIISDTKDYFMSKTLGIGRLKRPSFLDDPLYGISVLSSEDDQLHLKSS  
 PENTIADDEQETKDAAEECKEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

## Species:

Human

## Serotype:

AAV-2

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_152597                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 1743 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer:       | PBS with 0.001% Pluronic F6052                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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>NM_152597.4, NP_689810.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:  | 2813 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1746 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 161835                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt ID:   | <u>Q8NA03</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 15q14                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MW:           | 66.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |