

## Product datasheet for **RC206082A1V**

### Human FUT11 (NM\_173540) AAV Particle

#### Product data:

|                           |                                      |
|---------------------------|--------------------------------------|
| Product Type:             | AAV Particles                        |
| Product Name:             | Human FUT11 (NM_173540) AAV Particle |
| Tag:                      | Myc-DDK                              |
| Symbol:                   | FUT11                                |
| Synonyms:                 | FUCTXI                               |
| Mammalian Cell Selection: | None                                 |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)           |



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**ORF Nucleotide  
Sequence:**

>RC206082 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCCGCCCATTAGGGTGGTGTGGTCTCTAGGGGTGCTCAGTGTCTGTGCAGCCAGCGGCC  
 ATGGGTCCGTAGCGGAGAGGGAGGCCGGCGGGAGGCGGAGTGGCGGAACCGTGGGATGGCGCGTTTT  
 CCGGCCGCCCGCGCGCTGGGCGCAGTGGGGTGACGCGCAGCTCTGGGACGCCCGGCCAGGGAGGAG  
 GAGCGGGGGACTTGCCGGTACTGCTGTGGTGGAGCCCAGGGCTATTCCCCACTTCCCGGAGACTCGG  
 AGCGCATCGAGTGTGCGCGGGCGCTGCGTGGCGTCCCGAACC GCCGAGCGCTGAGGACTCGCGGAC  
 GCGCGCGCTGCTTCTACGGCACAGACTTCCGCGCTCGGCCGCCCGCTGCCGCGCTGGCGCACCAG  
 AGCTGGGCGCTCTCCACGAGGAGTCCCCCTCAACAATTCTTGCTGAGCCACGGCCCGGGCATCCGCC  
 TCTTCAATCTTACCTCCACCTTCAGTCGCCACTCGGATTACCGCTGTCGCTGCAGTGGTGGCCGGGAC  
 CGCCTATCTGCGCCGCCGGTGCCTCCGCCATGGAACGCGCGGAGTGGCGCCGCCCGGCTACGCGCCG  
 CTGCTCTATCTGCAGTCACACTGCGACGTGCCAGCGGACCGGGACCGCTACGTGCGCGAGCTCATGCGCC  
 ACATCCCGGTAGACTCCTACGGGAAATGCCTGCAAGATCGGGAGCTGCCTACCGCGCGGTACAGGACAC  
 AGCCACGGCCACCACCGAGGATCCAGAGCTCTTGGCTTTCTTGTCGCCGTATAAGTTCCACTTGGCCCTG  
 GAAATGCCATCTGTAACGACTACATGACAGAAAACTGTGGCGTCCCATGCACCTGGGCGCTGTGCCCG  
 TGTACCGCGGTTCTCCCTCTGTGAGGGACTGGATGCCGAACAATCACTCCGTATCCTGATTGATGATTT  
 TGAGTCTCCTCAGAAGCTGGCAGAGTTTATTGACTTTCTGGACAAGAATGATGAGGAGTATATGAAATAC  
 CTGGCATACAAGCAACCTGGGGGCATCACCAACCAATTTCTTCTGGATAGTCTGAAGCATCGGGAGTGGG  
 GAGTGAATGATCCTTTGCTGCCTAACTACCTCAACGGCTTCGAGTGTTCGTCTGTGACTACGAACTGGC  
 TCGGCTGGATGCCGAGAAAGCCACGCGGCTCTCCCGGGACAGCCCGCTCTTTGAGCCCCACATTGCC  
 CAGCCCTCACACATGGACTGCCAGTGGCCACACCTGGCTTTGGCAATGTGAAGAGATTCTGAGAATG  
 ACAGTTGGAAAGAGATGTGGCTGCAAGATTATTGGCAAGGTCTGGACCAGGGGGAAGCTCTCACTGCCAT  
 GATCCACAACAATGAAACAGAGCAGACGAAATTTGGGATTACCTACATGAAATCTTCATGAAGAGGCAA  
 CATCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC206082 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAGPIRVVLLVLLGVLSVCAASGHGSAEREAGGEAEWAEPWDGAVFRPPAALGAVGVTRSSGTPRPGRE  
 EAGDLPVLLWWSPLGFPHFGDSERIECARGACVASRNRRLRDSRTRALLFYGTDFRASAAPLPRLAHQ  
 SWALLHEESPLNNFLLSHGPGIRLFNLSTFSRHSYDPLSLQWLPGTAYLRRPVPPPMEAEWRRRGYAP  
 LLYLQSHCDVPADRDYVRELMRHIPVDSYGKCLQNRELPTARLQDTATATTEDPELLAFLSRYKFHLAL  
 ENAICNDYMEKLRPMHLGAVPVYRGSPSVRDWMPNNHVSILIDDFESPQKLAEIFDLDKNDEEYMKY  
 LAYKQPGGITNQFLDSLKHREWGVDPLLPNYLNGFECFVCDYELARLDAEKAAHASPDPVFEPIHA  
 QPSHMDCPVPTPGFGNVEEIPENDSWKEMWLQDYWQGLDQGEALTAMIHNNETEQTKFWDYLHEIFMKRQ  
 HL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_173540

**ORF Size:**

1476 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>       | <u>NM_173540.1, NP_775811.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>  | 2069 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1479 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 170384                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>   | <u>Q495W5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 10q22.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>           | 55.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |