

## Product datasheet for **RC227852A1V**

### Human SKIP (INPP5K) (NM\_001135642) AAV Particle

#### Product data:

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Product Type:             | AAV Particles                                   |
| Product Name:             | Human SKIP (INPP5K) (NM_001135642) AAV Particle |
| Tag:                      | Myc-DDK                                         |
| Symbol:                   | SKIP                                            |
| Synonyms:                 | MDCCAID; PPS; SKIP                              |
| Mammalian Cell Selection: | None                                            |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                      |



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**ORF Nucleotide  
Sequence:**

&gt;RC227852 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**C

 ATGAGCTCGCGAAGCTGAGCGGCGCGAAAGGCAGGAGGCTCAGCATACACGTCGTGACTTGAACGTGG  
CTTCGGCAGCGCCCCCTCTAGATCTCAGTGACCTGCTTCAGCTGAACAACCGAACCTCAATCTTGACAT  
ATATGTTATTGGTTTGCAGGAATTGAACTCTGGGATCATAAGCCTCCTTTCCGATGCTGCCTTTAATGAC  
TCGTGGAGCAGTTTCTCATGGATGTGCTTTCCCTCTGAGCTTCATCAAGGTCTCCCATGTCCGTATGC  
AGGGGATCCTCTTACTGGTCTTTGCCAAGTATCAGCATTTGCCCTATATCCAGATTCTGTCTACTAAATC  
CACCCCACTGGCCTGTTTGGTACTGGGGGAACAAAGGTGGAGTCAACATCTGCCTGAAGCTTTATGGC  
TACTATGTCAGCATCATCACTGCCACCTGCCTCCACATTTCCAACAATTACCAGCGGCTGGAGCACT  
TTGACCGGATCCTGGAGATGCAGAAATTGTGAGGGGCGAGACATCCAAACATCCTGGACCACGACCTCAT  
TATCTGGTTTGGAGACATGAACCTTCGGATCGAGGACTTTGGGTGCACTTTGTTCCGGAATCCATTAA  
AATCGGTGCTACGGTGGCCTGTGGGAGAAGGACCAGCTCAGCATTGCCAAGAAACATGACCCGCTGCTCC  
GGGAGTTCCAGGAGGGCCGCTACTCTTCCCGCCACCTACAAGTTTGATAGGAACTCCAACGACTATGA  
CACCAGTGAGAAAAACGCAAGCCTGCATGGACCGATCGCATCCTGTGGAGGCTGAAGCGGCAGCCCTGT  
GCTGGCCCCGACACTCCCATACCGCGGCGTCAACATTTCTCTGTCTCTGAGGGGTACAGCAGCCACA  
TGACGTACGGCATCAGCGACCACAAGCCTGTCTCCGGCACGTTGCACTTGGAGCTGAAGCCATTGGTGTC  
TGCTCCGCTGATCGTCTGATGCCCCGAGGACCTGTGGACCGTGGAAAAATGACATGATGGTCAGCTACTCT  
TCAACCTCGGACTTCCCAGCAGCCCGTGGGACTGGATTGGACTGTACAAGGTGGGGCTCGGGGACGTTA  
ATGACACGTGTCCTATGCCTGGGTGCGGGACAGCAAGGTCTCCTGCAGCGACAACCTGAACCAAGTTTA  
CATCGACATCAGCAATATCCCTACCACTGAAGATGAGTTTCTCCTCTGTTACTACAGCAACAGCTGCGCT  
TCTGTGTGGGATAAGCAGACCCTTCCAGATCCCGCCTGGCTCCTTGAAGGAGGACCCACTGGGTGAAG  
CACAGCCACAGATC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

&gt;RC227852 protein sequence

Red=Cloning site Green=Tags(s)

 MSSRKLSGPKGRRLSIHVVTWNVASAAPPLDLSDLLQLNNRNLNLDIYVIGLQELNSGIISLLSDAAFND  
SWSSFLMDVLSPLSFIKVSHVRMQGILLVFAKYQHLPYIQLSTKSTPTGLFGYWGNGGVNICKLYG  
YYVSIINCHLPPHISNNYQRLHFDRILEMQNCEGRDIPNILDHDLIIWFGDMNFRIEDFGLHFVRESIK  
NRCYGGWLEKDQLSIKKHDPDLLREFQEGRLFPPTYKFDRNSNDYDTSEKKRKPAWTDRILWRLKRQPC  
AGPDPPIPPASHFSLSLRGYSSHMTYGISDHKPVSGTFDLELKPLVSAPLIVLMPEDLWTVENDMMVSY  
STSDFPSPWDWIGLYKVGLRDVNDYVSYAWVGDSKVSCSDNLNQVYIDISNIPTTEDEFLLCYYSNSLR  
SVVGISRPFQIPPGSLREDPLGEAQPQI

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001135642

**ORF Size:**

1344 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>NM_001135642.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq Size:  | 3391 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1119 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 51763                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>Q9BT40</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 17p13.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 51.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |