

## Product datasheet for **RC200120A1V**

### Human **CNDP2 (NM\_018235)** AAV Particle

#### Product data:

|                |                                    |
|----------------|------------------------------------|
| Product Type:  | AAV Particles                      |
| Tag:           | Myc-DDK                            |
| Symbol:        | CNDP2                              |
| Synonyms:      | CN2; CPGL; HEL-S-13; HsT2298; PEPA |
| Mammalian Cell | None                               |
| Selection:     |                                    |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)         |



**ORF Nucleotide Sequence:** >RC200120 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAACTACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCGGCCCTCACTACCCTGTTAAGTACATAGATGAAAATCAGGATCGCTACATTAAGAACTCGCAA  
 AATGGGTGGCTATCCAGAGTGTGTCTGCGTGGCCGGAGAGAGAGGCGAAATCAGGAGGATGATGGAAGT  
 TGCTGCTGCAGATGTTAAGCAGTTGGGGGCTCTGTGGAATGGTGGATATCGGAAAAACAAAGCTCCCT  
 GATGGCTCGGAGATCCCGCTCCCTCCTATTCTGCTCGGCAGGCTGGGCTCCGACCCACAGAAGAAGACCG  
 TGTGCATTTACGGGCACCTGGATGTGCAGCCTGCAGCCCTGGAGGACGGCTGGGACAGCGAGCCCTTAC  
 CCTGGTGGAGCGAGACGCAAGCTGTATGGGAGAGGTTGACTGATGATAAGGGCCCGGTGGCCGGCTGG  
 ATAAACGCCCTGGAAGCGTATCAGAAAAACAGGCCAGGAGATTCTGTCAACGTCGATTCTGCCTCGAAG  
 GCATGGAGGAGTCAAGCTCTGAGGGCTAGACGAGCTGATTTTGGCCGAAAGACACATTTTAAAGGA  
 TGTGGACTATGTCTGCATTTCTGACAATTACTGGCTGGGAAAGAAGAAGCCCTGCATCACCTACGGCCTC  
 AGGGGCTTTGCTACTTTTTCATCGAGGTGGAGTGCAGCAACAAAGACCTCCATTCTGGGGTGTACGGG  
 GCTCGGTGCATGAGGCCATGACTGATCTCATTTTGTGATGGGCTCTTTGGTGGACAAGAGGGGGAACAT  
 CCTGATCCCCGGCATTAAACGAGGCCGTGGCCGCCGTACGGAAGAGGAGCACAAGCTGTACGACGACATC  
 GACTTTTGACATAGAGGAGTTTGCAAGGATGTGGGGGCGCAGATCCTCTGCACAGCCACAAGAAAGACA  
 TCCATATGCACCGATGGCGGTACCCGTCTCTGTCCCTCCATGGCATCGAAGGCGCCTTCTCTGGGTCTGG  
 GGCCAAGACCGTGATTCAGGAAGGTGGTTGGCAAGTTCTCCATCAGGCTCGTGCCGAACATGACTCCT  
 GAAGTCGTGGCGAGCAGGTCAACAAGTACCTAACTAAGAAGTTTGTGAAGTACGACAGCCCAATGAGT  
 TCAAGGTGTACATGGGCCAGGTGGGAAGCCCTGGGTCTCCGACTTCAGTACCCTCATTACCTGGCTGG  
 GAGAAGAGCCATGAAGACAGTTTTTGGTGTGAGCCAGACTTGACCAGGGAAGGCGGCAGTATCCCGTG  
 ACCTTGACCTTTCAGGAGGCCACGGGCAAGAAGCTCATGCTGCTGCCTGTGGGGTCAAGCGGATGACGGAG  
 CCCACTCCCAGAATGAAAAGCTCAACAGGTATACTACATAGAGGAACCAAGATGCTGGCCGCGTACCT  
 GTATGAGGTCTCCAGCTGAAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC200120 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAL TFLFKYIDENQDRYIKKLAKWVAIQSVSAWPEKRGEIRRMEEVAAADVQQLGGSVELVDIGKQKLP  
 DGSEIPLPPILLGRLGSDPQKKTVCIYGHLDVQPAALDGDWSEPF TLVERDGKLYGRGSTDDKGPVAGW  
 INALEAYQKTGQEIPVNVRFLEGMEESGSEGLDELIFARKDTFFKDVDYVCISDNYWLGGKKPCITYGL  
 RGICYFFIEVECSNKDLHSGVYGGSVHEAMTDLILMGSLVDKRGNI LIPGINEA VAAVTEEEHKL YDDI  
 DFDIEEFAKDVGAQILLHSHKIDILMHRWRYP SLHGI EGA FSGGAKTVIPRKVVGKFSIRLVPNMTP  
 EVVGEQVTSYLTKKFAELRSPNEFKVYMGHGGKPWVSDF SHPHYL AGRRAMKT VFGVEPDL TREGGSIPV  
 TLTFQEATGKNVMLLPVGSADDAHSQNEKLNRYNIEGTMKLAAYLYEVSQ LKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_018235  
**ORF Size:** 1425 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>       | <a href="#">NM_018235.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>  | 5089 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1428 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 55748                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <a href="#">Q96KP4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | 18q22.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>           | 52.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |