

## Product datasheet for **RC222163A1V**

### Human CHN 1 (CHN1) (NM\_001822) AAV Particle

#### Product data:

|                           |                                             |
|---------------------------|---------------------------------------------|
| Product Type:             | AAV Particles                               |
| Product Name:             | Human CHN 1 (CHN1) (NM_001822) AAV Particle |
| Tag:                      | Myc-DDK                                     |
| Symbol:                   | CHN 1                                       |
| Synonyms:                 | ARHGAP2; CHN; DURS2; NC; RHOGAP2            |
| Mammalian Cell Selection: | None                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                  |



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**ORF Nucleotide Sequence:**

>RC222163 representing NM\_001822  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGGCCCTGACCCTGTTTGATACAGATGAATATAGACCTCTGTTTGAAATCTTACTTATATCAGCTAC  
 AACAGGAAGCCCCTCATCTCGAAGAATTACCTGTACTTGCGAGGTGGAAAACAGACCAAAGTATTATGG  
 AAGAGAGTTTCATGGCATGATCTCCAGAGAAGCAGCCGACCAGCTCTTGATTGTGGCTGAGGGGAGCTAC  
 CTCATCCGGGAGAGCCAGCGGCAGCCAGGGACCTACACTTTGGCTTTAAGATTTGGAAGTCAAACCAGAA  
 ACTTCAGGCTCTACTACGATGGCAAGCACTTTGTTGGGAGAAACGCTTTGAGTCCATCCACGATCTGGT  
 GACTGATGGCTTGATTACTCTCTATATTGAAACCAAGGCAGCAGAATACATTGCCAAGATGACGATAAAC  
 CCAATTTATGAGCACGTAGGATACACAACCTTAAACAGAGAGCCAGCATACAAAAACATATGCCAGTCC  
 TGAAAGAGACACATGATGAGAGAGATTCTACAGGCCAGGATGGGGTGTGAGAGAAAAGTTGACATCACT  
 TGTTAGAAGAGCAACTCTGAAAGAAAACGAGCAAATTCAAAAATATGAAAAGATTACAATTTCAAGGTG  
 CATACATTGAGAGGGCCACACTGGTGTGAATACTGTGCCAACTTTATGTGGGGTCTCATTGCTCAGGGAG  
 TGAAATGTGCAGATTGTGGTTTGAATGTTTCAAGAGTGTCCAAAGTGGTCCCAAATGACTGTAAGCC  
 AGACTTGAAGCATGTCAAAAAGGTGTACAGCTGTGACCTTACGACGCTCGTGAAAGCACATACCACTAAG  
 CGGCCAATGGTGGTAGACATGTGCATCAGGGAGATTGAGTCTAGAGGTCTTAATTCTGAAGGACTATACC  
 GAGTATCAGGATTTAGTGACCTAATTGAAGATGTCAAGATGGCTTTGACAGAGATGGTGAAGGCAGA  
 TATTTCTGTGAACATGTATGAAGATATCAACATTATCACTGGTGCCTTAACTGTACTTCAGGGATTTG  
 CCAATTCACCTCATTACATATGATGCCTACCCTAAGTTTATAGAATCTGCCAAAATTATGGATCCGGATG  
 AGCAATTGGAAACCTTCATGAAGCACTGAACTACTGCCACCTGCTCACTGCGAAACCTCCGGTACCT  
 CATGGCACATCTAAAGAGAGTGACCCTCCACGAAAAGGAGAATCTTATGAATGCAGAGAACCTTGGAATC  
 GTCTTTGGACCCACCCTTATGAGATCTCCAGAAGTACGACCATGGCTGCATTGAATGATATACGGTATC  
 AGAGACTGGTGGTGGAGCTGCTTATCAAAAACGAAGACATTTTATTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC222163 representing NM\_001822  
 Red=Cloning site Green=Tags(s)

MALTLFDTDEYRPPVWVSYLYQLQOEAPHPRITCTCEVENRPKYYGREFHGMISREAADQLLIVAEGSY  
 LIRESQRQPGTYTLALRFGSQTRNFRLYYDGKHFVGEKRFESIHDLVTDGLITLYIETKAAEYIAKMTIN  
 PIYEHVGYTTLNREPAYKKHMPVLKETHDERDSTGQDGVSEKRLTSLVRRATLKENEQIPKYEKIHNFKV  
 HTRFRPHWCEYCANFMWGLIAQGVKCADCLNVHKQCSKMPNDCKPDLKHVKKVYSCDLTTLVKAHTTK  
 RPMVVDMCIREIESRGLNSEGLYRVSGFSDLIEDVKMAFDRDGEKADISVNMIEDINIITGALKLYFRDL  
 PIPLITYDAYPKFIESAKIMDPDEQLETLHEALKLLPPAHCETLRYLMAHLKRVTLHEKENLMNAENLGI  
 VFGPTLMRSPELDAMAALNDIRYQRLVVELLIKNEIDILF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001822

**ORF Size:**

1377 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_001822.3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 2607 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1380 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 1123                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u>P15882</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 2q31.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 53 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |