

## Product datasheet for **RC210529A1V**

### Human CTBP1 (NM\_001328) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human CTBP1 (NM_001328) AAV Particle                              |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | CTBP1                                                             |
| Synonyms:                 | BARS; HADDTS                                                      |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC210529 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGCAGCTCGCACTTGCTCAACAAGGGCCTGCCGCTTGGCGTCCGACCTCCGATCATGAACGGGCCCC  
TGCACCCGCGGCCCTGGTGGCATTGCTGGATGGCCGGGACTGCACAGTGGAGATGCCATCCTGAAGGA  
CGTGGCCACTGTGGCCTTCTGCGACGCGCAGTCCACGAGGAGATCCATGAGAAGGTCTGAACGAGGCT  
GTGGGGGCCCTGATGTACCACACCATCACTCTCACCAGGAGGACCTGGAGAAGTTCAAAGCCCTCCGCA  
TCATCGTCCGGATTGGCAGTGGTTTTGACAACATCGACATCAAGTCGGCCGGGGATTAGGCATTGCCGT  
CTGCAACGTGCCCCGCGCGTCTGTGGAGGAGACGGCCGACTCGACGCTGTGCCACATCCTGAACCTGTAC  
CGGCGGGCCACCTGGCTGCACCAGGCGCTGCGGAGGGCACACGAGTCCAGAGCGTCGAGCAGATCCGCG  
AGGTGGCGTCCGGCGCTGCCAGGATCCGCGGGGAGACCTTGGGCATCATCGGACTTGGTCGCGTGGGGCA  
GGCAGTGGCGCTGCGGGCCAAGGCCTTCGGCTTCAACGTGCTCTTCTACGACCCTTACTTGTGCGATGGC  
GTGGAGCGGGCGCTGGGGCTGCAGCGTGTGAGCACCTGCAGGACCTGCTCTCCACAGCGACTGCGTGA  
CCCTGCACTGCGGCCTCAACGAGCACAACCACCATCAACGACTTCACCGTCAAGCAGATGAGACA  
AGGGGCCTTCTGGTGAACACAGCCCGGGTGGCCTGGTGGATGAGAAGGCGCTGGCCAGGCCCTGAAG  
GAGGGCCGGATCCGCGCGCGGCCCTGGATGTGCACGAGTCGGAACCTTAAGCTTTAGCCAGGGCCCTC  
TGAAGGATGCACCAACCTCATCTGCACCCCCATGCTGCATGGTACAGCGAGCAGGCATCCATCGAGAT  
GCGAGAGGAGGCGGCACGGGAGATCCGAGAGCCATCACAGGCCGGATCCAGACAGCCTGAAGAAGTGT  
GTCAACAAGGACCATCTGACAGCCGCCACCACTGGGCCAGCATGGACCCCGCCGTCGTGCACCTGAGC  
TCAATGGGGCTGCCTATAGGTACCCTCCGGCGTGGTGGGCGTGGCCCCACTGGCATCCAGCTGCTGT  
GGAAGGTATCGTCCCAGCGCCATGTCCCTGTCCCAGGCCTGCCCTGTGGCCACCCCGCCACGCC  
CCTTCTCTGGCCAAACCGTCAAGCCCAGGCGGATAGAGACCACGCCAGTGACCAGTTG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC210529 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGSSHLLNKGLPLGVRPPIMNGPLHPRPLVALLDGRDCTVEMPILKDVATVAFCDASTQEIHEKVLNEA<br/> VGALMYHTITLTREDLEKFKALRIIVRIGSGFDNIDIKSAGDLGIAVCNVPAASVEETADSTLCHILNLY<br/> RRATWLHQALREGTRVQSVEQIREVASGAARIRGETLGIIGLGRVGQAVALARAKAFGNVLFYDPYLSDG<br/> VERALGLQRVSTLQDLLFHSDCVTLHCGLNEHNNHLINDFTVKQMRQGAFLVNTARGGLVDEKALAQALK<br/> EGRIRGAALDVHESEPLSFSQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRRAITGRIPDSLKNC<br/> VNKDHLTAATHWASMDPAVVHPELNGAAYRYPGTVGVGAVTGPAAVEGIVPSAMSLSHGLPPVAHPPHA<br/> PSPGQTVKPEADRDHASDQL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:             | NM_001328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ORF Size:         | 1320 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:           | <a href="#">NM_001328.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RefSeq Size:      | 2288 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq ORF:       | 1323 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Locus ID:         | 1487                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UniProt ID:       | <a href="#">Q13363</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cytogenetics:     | 4p16.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MW:               | 47.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |