

Product datasheet for **RC202720A1V**

Human Carboxypeptidase A (CPA1) (NM_001868) AAV Particle

Product data:

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| Product Type: | AAV Particles |
| Product Name: | Human Carboxypeptidase A (CPA1) (NM_001868) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | Carboxypeptidase A |
| Synonyms: | CPA |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |
| ORF Nucleotide Sequence: | >RC202720 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGCGGGGGTTGCTGGTGTGAGTGTCTGTTGGGGGCTGTCTTTGGCAAGGAGGACTTTGTGGGGCATC
AGGTGCTCCGAATCTCTGTAGCCGATGAGGCCAGGTACAGAAGGTGAAGGAGCTGGAGGACCTGGAGCA
CCTGCAGCTGGACTTCTGGCGGGGCCCTGCCACCCTGGCTCCCCATCGACGTCGAGTGCCCTTCCCC
AGCATCCAGGCGGTCAAGATCTTCTGGAGTCCCACGGCATCAGCTATGAGACCATGATCGAGGACGTGC
AGTCGCTGCTGGACGAGGAGCAGGAGCAGATGTTCCGCTTCCGGTCCCGGGCGCGCTCCACCGACACTTT
TAACTACGCCACCTACCACACCCTGGAGGAGATCTATGACTTCCTGGACCTGCTGGTGGCGGAGAACCCG
CACCTTGTGCAAGATCCAGATTGGCAACACCTATGAAGGGCGTCCCATTACGTGCTGAAGTTCAGCA
CGGGGGCAGTAAGCGTCCAGCCATCTGGATCGACACGGGCATCCATTCCCGGGAGTGGGTACCCAGGC
CAGTGGGGTCTGGTTTGCAAAGAAGATCACTCAAGACTACGGGCAGGATGCAGCTTTCACCGCCATTCTC
GACACCTTGGACATCTTCTGGAGATCGTACCAACCCTGATGGCTTTCCTTACGCACAGCACGAATC
GCATGTGGCGCAAGACTCGGTCCACACAGCAGGCTCCCTCTGTATTGGCGTGGACCCCAACAGGAACTG
GGACGCTGGCTTTGGTTGTCCGGAGCCAGCAGTAACCCCTGCTCGGAGACTTACCGCGCAAGTTTGCC
AATTCCGAAGTGGAGTCAAGTCCATTGTAGACTTTGTGAAGGACCATGGAACATCAAGGCCTTCACTCT
CCATCCACAGCTACTCCAGCTCCTCATGTATCCCTATGGCTACAAAACAGAACCAGTCCCTGACCAGGA
TGAGCTGGATCAGCTTCCAAGGCTGCTGTGACAGCCCTGGCCTCTCTACGGGACCAAGTTCAACTAT
GGCAGCATCATCAAGGCAATTTATCAAGCCAGTGAAGCACTATTGACTGGACCTACAGCCAGGGCATCA
AGTACTCCTTACCTTCGAGCTCCGGGACACTGGGCGCTATGGCTTCTGCTGCCAGCCTCCAGATCAT
CCCCACAGCCAAGGAGACGTGGCTGGCGCTTCTGACCATCATGGAGCACACCCTGAATCACCCCTAC

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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| Protein Sequence: | <p>>RC202720 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MRGLLVLSVLLGAVFGKEDFVGHQVLRISVADEAQVQKVELEDLEHLQLDFWRGPAHPGSPIDVRVPPF SIQAVKIFLESHGISYETMIEDVQSLLEEQEQMFAFRSRARSTDTFNYATYHTLEEIYDFLDLLVAENP HLVSKIQIGNTYEGRPYVYVLFKSTGGSKRPAIWIDTGIHSREWVTQASGVWFVAKKITQDYGDAAFTAIL DTLDFLEIVTNPDGFAFTHSTNRMWRKTRSHTAGSLCIGVDPNPNWDAGFGLSGASSNPCSETYRGKFA NSEVEVKSIVDFVKDHGNKAFISIHYSQLLMYPYGYKTEPVPDQDELQLSKAAVTALASLYGTFKFN GSIKAIYQASGSTIDWTYSQGIKYSFTFELRDTGRYGFLLPASQIIPAKETWLALLTMEHTLNHPY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species: | Human |
| Serotype: | AAV-2 |
| ACCN: | NM_001868 |
| ORF Size: | 1257 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: | NM_001868.1 |
| RefSeq Size: | 1445 bp |
| RefSeq ORF: | 1260 bp |
| Locus ID: | 1357 |
| UniProt ID: | P15085 |
| Cytogenetics: | 7q32.2 |
| MW: | 47.2 kDa |