

Product datasheet for **RC202800A1V**

Human Carboxypeptidase B2 (CPB2) (NM_001872) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Carboxypeptidase B2 (CPB2) (NM_001872) AAV Particle
Tag:	Myc-DDK
Symbol:	Carboxypeptidase B2
Synonyms:	CPU; PCPB; TAFI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202800 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGCTTTGCAGCCTTGCACTCCTTGTACCCATTGTTCTTCTGTGAGCAGCATGTCTTCGCGTTTC
AGAGTGGCCAAGTCTAGCTGCTCTTCTTAGAACCTCTAGGCAAGTTCAGATTCTACAGAATCTTACTAC
AACATATGAGATTGTTCTCTGGCAGCCGGTAACAGCTGACCTTATTGTGAAGAAAAACAAGTCCATTTT
TTTGTAAATGCATCTGATGTCGACAATGTGAAAGCCCATTTAAATGTGAGCGGAATTCATGCAGTGTCT
TGCTGGCAGACGTGGAAGATCTTATTCAACAGCAGATTCCAACGACACAGTCAGCCCCGAGCCTCCGC
ATCGTACTATGAACAGTATCACTCACTAAATGAAATCTATTCTTGGATAGAATTTATAAATGAGAGGCAT
CCTGATATGCTTACAAAAATCCACATTGGATCCTCATTGAGAAGTACCACTCTATGTTTTAAAGGTTT
CTGAAAAAGAACAAGCAGCCAAAAATGCCATATGGATTGACTGTGGAATCCATGCCAGAGAATGGATCTC
TCCTGCTTTCTGCTTGTGGTTCATAGGCCATATAACTCAATTCTATGGGATAATAGGGCAATATACCAAT
CTCCTGAGGCTTGTGGATTTCTATGTTATGCCGGTGGTAAATGTGGATGGTTATGACTACTCATGAAAA
AGAATCGAATGTGGAGAAAGAACCGTCTTTCTATGCGAACAATCATTGCATCGGAACAGACCTGAATAG
GAACTTTGCTTCAAACACTGGTGTGAGGAAGTGCATCCAGTTCCTCATGCTCGAAACCTACTGTGGA
CTTTATCCTGAGTCAGAACCAGAAGTGAAGGCAGTGGCTAGTTTCTTGAAGAAATATCAACCAGATTA
AAGCATACATCAGCATGCATTACTCCAGCATATAGTGTTCATATTCCTATACAGAAAGTAAAAG
CAAAGACCATGAGGAAGTGTCTAGTAGCCAGTGAAGCAGTTCGTGCTATTGAGAAAATAGTAAAAAT
ACCAGGTATACACATGGCCATGGCTCAGAAACCTTATACCTAGCTCCTGGAGGTGGGGACGATTGGATCT
ATGATTTGGGCATCAAAATTCGTTTACAATTGAACCTTCGAGATACGGGCACATACGGATTCTTGCTGCC
GGAGCGTTACATCAAACCCACCTGTAGAGAAGCTTTGCCGCTGTCTCTAAAATAGCTTGGCATGTCATT
AGGAATGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202800 protein sequence Red=Cloning site Green=Tags(s) MKLCSLAVLVPIVLFCEQHVFAFQSGQVLAALPRTSRQVQVLQNLTTTYEIVLWQPVTADLIVKKKQVHF FVNASDVNDVKAHLNVSGIPCSVLLADVEDLIQQQISNDTVSPRASASYEQYHSLNEIYSWIEFITERH PDMLTKIHIGSSFKEYPLYVLKVSQKEQAAKNAIWIDCGIHAREWISPAFCLWFIGHITQFYGIIGQYTN LLRLVDFYVMPVVNVVDGYDYSWKKNRMRKNSFYANNHCIGTDLNRNFASKHWCEEGASSSSCSETYCG LYPESEPEVKAVASFLRRNINQIKAYISMHSYSQHIVFPYSYTRSKSKDHEELSLVASEAVRAIEKTSKN TRYTHGHGSETLYLAPGGGDDWIYDLGIKYSFTIELRDTGTYGFLPERYIKPTCREFAAVSKIAWHVI RNV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001872
ORF Size:	1269 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_001872.3
RefSeq Size:	1766 bp
RefSeq ORF:	1272 bp
Locus ID:	1361
UniProt ID:	Q96IY4
Cytogenetics:	13q14.13
MW:	48.4 kDa