

Product datasheet for **RC204463A1V**

Human Carboxypeptidase B (CPB1) (NM_001871) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Carboxypeptidase B (CPB1) (NM_001871) AAV Particle
Tag:	Myc-DDK
Symbol:	Carboxypeptidase B
Synonyms:	CPB; PASP; PCPB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204463 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTGGCACTCTTGGTCTGGTGAAGTGTGGCCTGGCATCTGCTCATCATGGTGGTGAGCACTTTGAAG
GCGAGAAGGTGTTCCGTGTTAACGTTGAAGATGAAAATCACATTAACATAATCCGCGAGTTGGCCAGCAC
GACCCAGATTGACTTCTGGAAGCCAGATTCTGTACACAAATCAAACCTCACAGTACAGTTGACTTCCGT
GTTAAAGCAGAAGATACTGTCACTGTGGAGAATGTTCTAAAGCAGAATGAACTACAATACAAGGTACTGA
TAAGCAACCTGAGAAATGTGGTGGAGGCTCAGTTTGATAGCCGGGTTCTGCAACAGGACACAGTTATGA
GAAGTACAACAAGTGGGAAACGATAGAGGCTTGGACTCAACAAGTCGCCACTGAGAATCCAGCCCTCATC
TCTCGCAGTGTTATCGGAACCACATTTGAGGGACGCGCTATTTACCTCCTGAAGGTTGGCAAAGCTGGAC
AAAATAAGCCTGCCATTTTCATGGACTGTGTTTCCATGCCAGAGAGTGGATTTCTCTGCATTCTGCCA
GTGTTTGTAAAGAGAGGCTGTTCTGACCTATGGACGTGAGATCCAAGTGACAGAGCTTCTCGACAAGTTA
GACTTTTATGCTGCTGTGCTCAATATTGATGGCTACATCTACACCTGGACCAAGAGCCGATTTTGA
GAAAGACTCGCTCCACCCATACTGGATCTAGCTGCATTGGCACAGACCCCAACAGAAATTTTGATGCTGG
TTGGTGTGAAATTGGAGCCTCTCGAAACCCCTGTGATGAACTTACTGTGGACCTGCCGAGAGTCTGAA
AAGGAGACCAAGGCCCTGGCTGATTTTCATCCGCAACAACTCTCTCCATCAAGGCATATCTGACAATCC
ACTCGTACTCCAAATGATGATCTACCCCTACTCATATGCTTACAAACTCGGTGAGAACAATGCTGAGTT
GAATGCCCTGGCTAAAGCTACTGTGAAAGAACTTGCTCACTGCACGGCACCAAGTACACATATGCCCCG
GGAGCTACAACAATCTATCCTGCTGCTGGGGGCTCTGACGACTGGGCTTATGACCAAGGAATCAGATATT
CCTTCACCTTTGAACTTCGAGATACAGGCAGATATGGCTTTCTCCTTCCAGAATCCCAGATCCGGGCTAC
CTGCGAGGAGACCTTCTGGCAATCAAGTATGTTGCCAGCTACGTCCTGGAACACCTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204463 protein sequence Red=Cloning site Green=Tags(s) MLALLVLVTVALASAHGGEHFEQEKVFRVNVEDENHINIIRELASTTQIDFWKPDSVTQIKPHSTVDFR VKAEDTVTVENVLKQNELQYKVLISNLRNVVEAQFDSRVATGHSYKYNKWETIEAWTQQVATENPALI SRSVIGTTFEGRAIYLLKVGKAGQNKPAIFMDCGFHAREWISPAFCQWFVREAVRTYGREIQVTELLDKL DFYVLPVLNIDGYIYTWTCSRFRWKRSTHTGSSCIGTDPNRNFDAGWCEIGASRNPCDETYCGPAAESE KETKALADFIRNKLSSIKAYLTIHSYSQMMIYPYSYAYKLGENNAELNALAKATVKELASLHGTYTYGP GATTIYPAAGSDDWAYDQGIYSFTFELRDTGRYGFLLPESQIRATCEETFLAIKYVASVYLEHLY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001871
ORF Size:	1251 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_001871.2
RefSeq Size:	1473 bp
RefSeq ORF:	1254 bp
Locus ID:	1360
UniProt ID:	P15086
Cytogenetics:	3q24
MW:	47.4 kDa