

Product datasheet for **RC209171A1V**

Human Centaurin beta 2 (ACAP2) (NM_012287) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Centaurin beta 2 (ACAP2) (NM_012287) AAV Particle
Tag:	Myc-DDK
Symbol:	ACAP2
Synonyms:	CENTB2; CNT-B2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209171 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGATGACTGTGGATTTTCGAGGAGTGTCTGAAGGACTCGCCCCGCTTCAGGGCAGCTTTGGAAGAAG
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GACGTGAACCTGGGCAATTCAGAGGAAAAACAAAGCGACGCCACTTATTCAGGCTGTATTAGGGGGCTCTT
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CATGCCACTGATGAAGAAGGGAAAGACCCTTTGAGCATAGCTGTGGAAGCAGCCAATGCTGATATAGTCA
CCTTGTACGTTTAGCAAGAATGAATGAAGAGATGCGGGAATCAGAAGGACTTTATGGACAGCCAGGTGA
TGAAACTTATCAGGACATATTTCTGTGATTTTCCCAAAATGGCATCCAATAATCCAGAGAACTAAATCGT
TTCAGCAAGATTCACAGAAATTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209171 protein sequence Red=Cloning site Green=Tags(s) MKMTVDFEECLKDSPRFRAALEEVEGDVAEELKLDKLVKLCIAMIDTGKAFVCVANKQFMNGIRDLAQYS SNDVVETSLTKFSDSLQEMINFHTILFDQTQRSIKAQLQNFVKEDLRKFDAKKQFEKVSEEKENALVK NAQVQRNKQHEVEEATNILTATRKCFRHIALDYVLQINVLQSKRRSEILKSMLSFMYAHLAFFHQGYDLF SELGPYMKDLGAQLDRLVVDAAKEKREMEQKHSTIQQKDFSSDDSKLEYNVDAANGIVMEGYLFKRASNA FKTWNRRWFSIQNNQLVYQKKFKDNPTVVVEDLRLCTVKHCEDIERRFCFEVVSPTKSCMLQADSEKLRQ AWIKAVQTSIATAYREKGDSEKLDKKSSPSTGSLDSGNESEKLLKGESALQRVQCIPGNASCCDCGLA DPRWASINLGITLCIECSGIHRSLGVHFSKVRSLTLDTWEPELLKLMCELGNDVINRVYEANVEKMGIKK PQPGQRQEKEAYIRAKYVERKFVDKYSISLSPPEQQKKFVSKSSEEKRLSISKFGPGDQVRASAQSSVRS NDSEIQSSDDGRESLPSTVSANSLYEPEGERQDSSMFLDSKHLNPGQLYRASYEKNLPKMAEALAHGA DYNWANSEENKATPLIQAVLGSLVTCEFLQNGANVNQRDVQGRGPLHHATVLGHTGQVCLFLKRGANQ HATDEEGKDPLSIAVEAANADIVTLRLARMNEEMRESEGLYGQPGDETYQDIFRDFSQMASNNPEKLNRF QQDSQKF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012287
ORF Size:	2334 bp
Buffer:	PBS with 0.001% Pluronic F6381
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_012287.3 , NP_036419.2
RefSeq Size:	7187 bp
RefSeq ORF:	2337 bp
Locus ID:	23527
UniProt ID:	Q15057
Cytogenetics:	3q29
MW:	88.1 kDa