

Product datasheet for **RC226909A1V**

Human EMAP II (AIMP1) (NM_001142415) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EMAP II (AIMP1) (NM_001142415) AAV Particle
Tag:	Myc-DDK
Symbol:	EMAP II
Synonyms:	EMAP2; EMAPII; HLD3; p43; SCYE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC226909 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAAATAATGATGCTGTTCTGAAGAGACTGGAGCAGAAGGGTGCAGAGGCAGATCAAATCATTGAAT
ATCTTAAGCAGCAAGTTTCTCTACTTAAGGAGAAAGCAATTTTCAGGCAACTTTGAGGGAAGAGAAGAA
ACTTCGAGTTGAAAATGCTAACTGAAGAAAGAAATTGAAGAACTGAAACAAGAGCTAATTCAGGCAGAA
ATTCAAAATGGAGTGAAGCAAATACCATTTCATCTGGTACTCCACTGCACGCTAATTCATGGTTCTG
AAAATGTGATACAGTCTACAGCAGTAACAACCGTATCTTCTGGTACCAAAGAACAGATAAAAGGAGGAAC
AGGAGACGAAAAGAGCGAAAGAGAGAAATTTGAAAAGAAAGGAGAGAAGAGGAGAAAAACAGCAATCA
ATAGCTGGAAGTGCCGACTCTAAGCCAATAGATGTTTCCCGTCTGGATCTTCGAATTGGTTGCATCATAA
CTGCTAGAAAACACCCTGATGCAGATTCTTTGTATGTGGAAGAAGTAGATGTCGGAGAAATAGCCCCAAG
GACAGTTGTGAGTGGCCTGGTGAATCATGTTCTCTTGAACAGATGCAAATCGGATGGTGATTTTACTT
TGTAACCTGAAACCTGCAAAGATGAGGGGAGTATTATCTCAAGCAATGGTCATGTGTGCTAGTTCACCAG
AGAAAATTGAAATCTTGGCTCCTCCAAATGGGTCTGTTCTGGAGACAGAATTACTTTTGATGCTTTCC
AGGAGAGCCTGACAAGGAGCTGAATCCTAAGAAGAAGATTTGGGAGCAGATCCAGCCTGATCTTCACACT
AATGATGAGTGTGTGGCTACATACAAAGGAGTTCCTTTGAGGTGAAAGGGAAGGAGTATGTAGGGCTC
AAACCATGAGCAACAGTGAATCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC226909 protein sequence Red=Cloning site Green=Tags(s) MANNDAVLKRLEQKGAEADQIEYLKQQVSLLEKAILQATLREEKKLRVENAKLKKEIEELKQELIQAE IQNGVKQIPFPGTPLHANSMVSENVISQSTAVTTVSSGTKEQIKGGTGDEKKAKEKIEKKGEKKEKKQS IAGSADSKPIDVSRDLRIGCIITARKHPDADSLYVEEVDVGEIAPRTVVSGLVNHPLEQMQRNVILL CNLKPAKMRGVLSQAMVMCASSPEKIEILAPPNGSVPGDRITFDAFPGEPAKELNPKKKIWEQIQPDLHT NDECVATYKGVPFVEVKGKGVCAQTMSNSGIK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001142415
ORF Size:	936 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:	<u>NM_001142415.1, NP_001135887.1</u>
RefSeq Size:	2537 bp
RefSeq ORF:	939 bp
Locus ID:	9255
UniProt ID:	<u>Q12904</u>
Cytogenetics:	4q24
MW:	34.4 kDa