

Product datasheet for **RC206919A1V**

Human PALM2 (NM_001037293) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PALM2 (NM_001037293) AAV Particle
Tag:	Myc-DDK
Symbol:	PALM2
Synonyms:	AKAP-2; AKAP-KL; AKAP2; AKAPKL; MISP2; PALM2; PALM2-AKAP2; PRKA2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206919 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGAGGCGGAATTGCACAAGGAAAGGCTGCAAGCCATAGCAGAAAAAGAAAGAGGCAGACTGAAA
TAGAAGGCAAGCGACAACAGCTTGACGAGCAGATACTTCTGCTGCAGCATTCCAAGTCCAAAGTGCTTCG
GGAGAAATGGCTGCTGCAGGGCATACCCGCTGGAAGTCCGAAGAGGAGGAAGCCAGGAGGCGGCAGTCT
GAAGAGGATGAGTTCAGAGTCAAGCAACTTGAAGATAACATTAGAGGCTGGAGCAAGAAATACAAACGC
TAGAAAGTGAAGAGTCCCGGATATCTGCCAAGAGCAAATCATCTAGAGAACTGAAGGAAACAGAAAA
ATCCTTCAAGGACTTTCAGAAGGGTTTCTCCAGTACGGATGGAGCTGTGTACGCCATGGAAATTAATGTG
GAGAAAGACAAACAAACAGGAGAGACCAAGATCCTCTACATCTACCATTGGCCAGAGGGGGTCCATC
AGAAAGGAGTCAAAGTCTATGATGATGGTACCAAAGTAGTGTATGAGGTGCGCTCAGGAGGCACCGTAGT
AGAAAATGGAGTGCACAAATTAAGCACAAAGGATGTAGAAGAGCTTATTCAGAAGGCTGGACAATCAAGC
TTAGGAGGAGGGCACGTGTCTGAAAGGACTGTGATTGCAGATGGGAGCCTCAGCCATCCAAGGAACACA
TGCTCTGCAAAGAAGCTAAGTTAGAAATGGTACATAAGTCTAGGAAAGACCATTCTCCGGGAACCCAGG
GCAGCAGGCCCAAGCCCCAGCGCTGCAGGGCCGGAGGCAAACCTGGATCAGCCCGTCACCATGATTTTT
ATGGGCTACCAAATATCGAGGATGAAGAGGAGACGAAAAAGGTGCTAGGCTATGATGAAACCATCAAGG
CTGAATTGGTCTCATTGATGAAGATGATGAGAAGTCATTGAGGAGAAAGACAGTGACGGACGTGTCAC
TATTGACGGGAACGCGGCTGAGCTTGTGTCCGGGAGGCCGGTCTCAGACACCACAGAGCCCTCATCCCCA
GAAGGGAAGGAAGAGAGCCTAGCTACAGAGCCAGCCCCAGGTACCCAAAAAGAAAGCGCTGTCAATGCT
GTGTTGTCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206919 protein sequence Red=Cloning site Green=Tags(s) MAEAE L H K E R L Q A I A E K R K R Q T E I E G K R Q L D E Q I L L L Q H S K S K V L R E K W L L Q G I P A G T A E E E E A R R R Q S E E D F R V K Q L E D N I Q R L E Q E I Q T L E S E E S R I S A K E Q I I L E K L K E T E K S F K D F Q K G F S S T D G A V Y A M E I N V E K D K Q T G E T K I L S T I G P E G V H Q K G V K V Y D D G T K V V Y E V R S G G T V V E N G V H K L S T K D V E E L I Q K A G Q S S L G G G H V S E R T V I A D G S L S H P K E H M L C K E A K L E M V H K S R K D H S S G N P G Q Q A Q A P S A A G P E A N L D Q P V T M I F M G Y Q N I E D E E E T K K V L G Y D E T I K A E L V L I D E D D E K S L R E K T V T D V S T I D G N A A E L V S G R P V S D T T E P S S P E G K E E S L A T E P A P G T Q K K K R C Q C C V V M TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001037293
ORF Size:	1131 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_001037293.1 , NP_001032370.1
RefSeq Size:	9286 bp
RefSeq ORF:	1140 bp
Locus ID:	114299
UniProt ID:	Q8IXS6
Cytogenetics:	9q31.3
MW:	42 kDa