

Product datasheet for **RC205900A1V**

Human Epiphykan (EPYC) (NM_004950) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Epiphykan (EPYC) (NM_004950) AAV Particle
Tag:	Myc-DDK
Symbol:	Epiphykan
Synonyms:	DSPG3; Pg-Lb; PGLB; SLRR3B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205900 representing NM_004950 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAAGACATTAGCAGGACTTGTCTGGGACTTGTCATCTTTGATGCTGCTGTGACTGCCCCAACTCTAG
AGTCCATCAACTATGACTCAGAACTATGATGCCACCTTAGAAGACCTGGATAATTTGTACAACATGA
AAACATACCTGTTGGTAAAGTTGAGATTGAAATAGCCACAGTGATGCCTTCAGGGAACAGAGAGCTCCTC
ACTCCACCCACAGCCTGAGAAGGCCAGGAAGAGGAGGAGGAATCTACTCCAGGCTGATTG
ATGGCTCTTCTCCCAGGAGCCTGAATTCACAGGGTTCTGGGGCCACACAAAATGAAGACTTTCCAAC
CTGCTCTTTGTGTAATTGTATAAGTACCACCGTGTACTGTGATGACCATGAACCTTGATGCTATTCTCCG
CTGCCAAAGAACACCGCTTATTTCTATTCCCGCTTTAACAGAATTAAGATCAACAAAATGACTTTG
CAAGCCTAAGTGATTTAAAAAGGATTGATCTGACATCAAATTTAATATCTGAGATTGATGAAGATGCATT
CCGAAACTGCCTCAACTTCGAGAGCTTGCTCTGCGTGACAACAAAATAAGGCAGCTCCAGAAATTGCCA
ACCACTTTGACATTTATTGATATTAGCAACAATAGACTTGAAGGAAAGGGATAAAGCAAGAAGCATTTA
AAGACATGTATGATCTCCATCATCTGTACCTCACTGATAACAATTGGACCACATCCCTCTGCCACTCCC
AGAAAATCTACGAGCCCTTACCTCCAGAATAACAACATTCTGGAATGCACGAAGATACGTTCTGCAAT
GTAAAAATTTGACTTATTCGTAAGGCACTAGAGGACATTCGATTGGATGGAACCTATTAATCTCA
GCAAACTCTCAAGCATACATGTGTCTACCTCGTCTGCTGTTGGGAGCCTTGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205900 representing NM_004950 Red=Cloning site Green=Tags(s) MKTLAGLVGLVIFDAAVTAPTLESINYDSEYDATLEDLDNLNYENIPVGKVEIEIATVMPSGNRELL TPPPQPEKAQEEEEESTPRLIDGSSPQEPEFTGVLGPHTNEDFPTCLLCTCISTTVYCDDHELDAIPP LPKNTAYFYSRFNRIKKINKNDFASLSDLKRIDLTSNLISEIDEDAFRKLPLRELVLVDNKIRQLPELP TTLTFIDISNNRLGRKGIKQEAFKDMYDLHHL YLT DNNLDHIPLPLPENLRALHLQNNNILEMHEDTF CN VKNLTYIRKALEDIRLDGNPINLSKTPQAYMCLPRLPVGSLV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004950
ORF Size:	966 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_004950.3</u>
RefSeq Size:	1594 bp
RefSeq ORF:	969 bp
Locus ID:	1833
UniProt ID:	<u>Q99645</u>
Cytogenetics:	12q21.33
MW:	36.58 kDa