

Product datasheet for **RC211584A1V**

Human EPB42 (NM_000119) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EPB42 (NM_000119) AAV Particle
Tag:	Myc-DDK
Symbol:	EPB42
Synonyms:	PA; SPH5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211584 representing NM_000119
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGACAGGGTGAGCCAAGCCAGCGCTCGACAGGGCTTGCTGGACTGTATGCAGCCCCCGCAGCATCAC
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 CAATGAGGAGCACACCAAGGCCCTCAGTCCCGCGCCTCTTTGTGAGGAGGGGCGAGCCCTTCACC
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 CTGCACCTCACGCTCAGTGCCAACCTGGAAAAGATAATAACCATCGGCCTGTTCTTCCAATTTTGAGC
 GAAACCCACCCGAGAACACCTTCTTAGACTCACCGCCATGGCAACACACTCTGAATCCAACCTTAGCTG
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 TATCAACCCCTCACAGCCTCAGTCAGCCTCCAGAACTCCCTAGATGCCCCCATGGAGGACTGTGTGATCT
 CCATCTGGGAAGGGGGCTATTACAGAGAGAGGAGCTACAGATTCCGTTCACTGTGGCCTGAAAACAC
 CATGTGTGCCAAGTTCAGTTTACGCCAACACATGTGGGGCTCCAGAGACTCACTGTGGAAGTGGACTGC
 AACATGTTCCAGAACCTAACCACTATAAAAGCGTCACCGTGGTAGCCCTGAACATCAGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211584 representing NM_000119 Red=Cloning site Green=Tags(s) MGQGEPSQRSTGLAGLYAAPASPVFIKGSGMDALGIKSCDFQAARNNEEHHTKALSSRRLFVRRGQPFT IILYFRAPVRAFLPALKKVALTAQTGEQPSKINRTQATFPISSLGDRKWSAVVEERDAQSWTISVTTPA DAVIGHYSLLLQVSGRKQLLLGQFTLLFNPWNREDAVFLKNEAQRMEYLLNQNGLIYLGTAADCIQAESWD FGQFEGDVIDLRLSKDKQVEKWSQPVHVARVLGALLHFLKEQRLVPTPTQATQEGALLNKRRGSVP ILRQWLTGRGRPVYDQAWVLA AVACTVLRLGIPARVVTTFASAQGTGGRLIDEYYNEEGLQNGEGQR GRIWIFQTSTECWMTRPALPQGYDGWQILHPSAPNGGGVLGSCDLVPVRAVKEGTLGLTPAVSDFAAIN ASCVVWKCCEGTLELTDSTNTKYVGNNISTKGVGSDRCEDITQNYKYPEGSLQEKEVLERVEKEKMEREK DNGIRPPSLETASPLYLLLKAPSSLPLRGDAQISVTLVNHSEQEKAVQLAIGVQAVHYNGVLA AKLWRKK LHLTSLANLEKIITIGLFFSNFERNPPENTFLRLTAMATHSESNLSCFAQEDIAICRPHLAIKMPEKAEQ YQPLTASVSLQNSLDAPMEDCVISILGRGLIHRERSYRFRSVWPENTMCAKFQFTPTHVGLQRLTVEVDC NMFQNL TNYKSVTVVAPELSA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000119
ORF Size:	2163 bp
Buffer:	PBS with 0.001% Pluronic F6753
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_000119.1</u>
RefSeq Size:	2697 bp
RefSeq ORF:	2166 bp
Locus ID:	2038
UniProt ID:	<u>P16452</u>
Cytogenetics:	15q15.2
MW:	79.7 kDa