

Product datasheet for **RC210932A1V**

Human EP4 (PTGER4) (NM_000958) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EP4 (PTGER4) (NM_000958) AAV Particle
Tag:	Myc-DDK
Symbol:	EP4
Synonyms:	EP4; EP4R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210932 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCAATCCCAGGGTCAATTCTGTCGCTCCTTGAGCCCCGACCGGCTGAACAGCCAGTGACCATCC
 CGGCGGTGATGTTTCATCTTCGGGGTGGTGGCAACCTGGTGGCCATCGTGGTGCTGTGCAAGTCGCGCAA
 GGAGCAGAAGGAGACGACCTTCTACACGCTGGTATGTGGGCTGGCTGTACCGACCTGTTGGGCACCTTTG
 TTGGTGAGCCCGGTGACCATCGCCACGTACATGAAGGGCCAATGGCCCGGGGGCCAGCCGCTGTGCGAGT
 ACAGCACCTTCATTCTGCTCTTCTTACGCTGTCCGGCTCAGCATCATCTGCGCCATGAGTGTGAGCG
 CTACCTGGCCATCAACCATGCCTATTTCTACAGCCACTACGTGGACAAGCGATTGGCGGGCTCAGGCTC
 TTTGAGTCTATGCGTCCAACGTGCTCTTTGCGCGCTGCCAACATGGGTCTCGGTAGCTCGCGGCTGC
 AGTACCCAGACACCTGGTGTTCATCGACTGGACCACCAACGTGACGGCGCACGCCGCTACTCTACAT
 GTACGCGGGCTCAGCTCCTTCTCATTCTCGCCACCGTCTCTGCAACGTGCTTGTGTGCGGCGCGCTG
 CTCCGATGCACCGCCAGTTTCATGCGCCGACCTCGCTGGGCACCGAGCAGCACCACGCGCCGCGCGCCG
 CCTCGGTGCTCCCGGGGCCACCCCGCTGCCTCCCGAGCCTGCGCGCCTCAGCGACTTTCGCGCGCCG
 CCGGAGCTTCCGCCGATCGCGGGCGCCGAGATCCAGATGGTCACTTACTCATTGCCACCTCCCTGGTG
 GTGCTCATCTGCTCCATCCCGCTCGTGGTGCGAGTATTCGTCAACCAGTTATATCAGCCAAGTTTGGAGC
 GAGAAGTCAGTAAAAATCCAGATTTGCAGGCCATCCGAATTGCTTCTGTGAACCCCATCTAGACCCCTG
 GATATATATCCTCCTGAGAAAGACAGTGCTCAGTAAAGCAATAGAGAAGTCAATGCCTCTTCTGCCG
 ATTGGCGGGTCCCGCAGGGAGCGCTCCGGACAGCACTGCTCAGACAGTCAAAGGACATCTTCTGCCATGT
 CAGGCCACTCTCGCTCCTTCTATCTCCCGGGAGCTGAAGGAGATCAGCAGTACATCTCAGACCTCCTGCC
 AGACCTCTCACTGCCAGACCTCAGTGAAAATGGCCTTGAGGCAGGAATTTGCTTCCAGGTGTGCCTGGC
 ATGGGCTGCGCCAGGAAGACACCACTCACTGAGGACTTTGCGAATATCAGAGACCTCAGACTTTCAC
 AGGGTCAGGACTCAGAGAGTGTCTTACTGGTGGATGAGGCTGGTGGGAGCGCGAGGGCTGGGCTGCCCC
 TAAGGGGAGCTCCCTGCAAGTCACATTTCCAGTGAAACACTGAACCTTATCAGAAAAATGTATA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210932 protein sequence
 Red=Cloning site Green=Tags(s)

MSTPGVNSSASLSPDRLNSPVTIPAVMFIQGVVGNLVAIVVLCKSRKEQKETTFFYTLVCGLAVTDLLGTL
 LVSPVTIATYMKQWPGGQPLCEYSTFILLFFSLSGLSIICAMSVRYLAINHAYFYSHYVDKRLAGLTL
 FAVYASNVLFALPNMGLGSSRLQYPTWCFIDWTTNVTAAHAAYSIMYAGFSSFLILATVLCNVLVCGAL
 LRMHRQFMRRSLGTEQHAAAAASVASRGHPAASPALPRLSDFRRRRSFRRRIAGAEIQMVILLIATSLV
 VLICSIPLVVRVFNQLYQPSLREVSKNPDLQAIRIASVNPILDPWIYILLRKTIVLSKAIEKIKCLFCR
 IGGSRRRSGQHCSDSQRTSSAMSGHSRFSISRELKEISSTSQTLLPDLPLDSENGLGRRNLLPGVPG
 MGLAQEDTTLRLRISETSDSSQGDSESVLLVDEAGGSGRAGPAPKGSSLQVTFPSETLNLSEKCI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000958

ORF Size:

1464 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_000958.2</u>
RefSeq Size:	3432 bp
RefSeq ORF:	1467 bp
Locus ID:	5734
UniProt ID:	<u>P35408</u>
Cytogenetics:	5p13.1
MW:	53.1 kDa