

Product datasheet for **RC219065A1V**

Human Factor IX (F9) (NM_000133) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Factor IX (F9) (NM_000133) AAV Particle
Tag:	Myc-DDK
Symbol:	Factor IX
Synonyms:	F9 p22; FIX; HEMB; P19; PTC; THPH8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC219065 representing NM_000133
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCAGCGCGTGAACATGATCATGGCAGAATCACCAGGCCTCATCACCATCTGCCTTTTAGGATATCTAC
 TCAGTGTGAATGTACAGTTTTTCTTGATCATGAAAACGCCAACAAAATTCTGAATCGGCCAAAGAGGTA
 TAATTCAGGTAAATTGGAAGAGTTTGTCAAGGGAACCTTGAGAGAGAATGTATGGAAGAAAAGTGAGT
 TTTGAAGAAGCACGAGAAGTTTTTGAACACTGAAAGAACAACTGAATTTGGAAGCAGTATGTTGATG
 GAGATCAGTGTGAGTCCAATCCATGTTTAAATGGCGGCAGTTGCAAGGATGACATTAATTCCTATGAATG
 TTGGTGTCCCTTTGGATTTGAAGGAAAGAACTGTGAATTAGATGTAACATGTAACATTAAGAATGCGAGA
 TCGCAGCAGTTTTGTAAAAATAGTGTGATAACAAGGTGGTTTGTCTGTACTGAGGGATATCGACTTG
 CAGAAAACCAGAAGTCTGTGAACCAGCAGTGCCATTTCCATGTGGAAGAGTTTCTGTTTCACAACTTC
 TAAGCTCACCCGTGCTGAGACTGTTTTCTGTGTTGACTATGTAATTTCTACTGAAGCTGAAACCATT
 TTGGATAACATCACTCAAAGCACCAATCATTTAATGACTTCCTCGGGTTGTTGGTGGAGAAGATGCCA
 AACCAGGTCAATTCCTTGGCAGGTTGTTTGAATGGTAAAGTTGATGCATTCTGTGGAGGCTCTATCGT
 TAATGAAAAATGGATTGTAACCTGCTGCCCACTGTGTTGAACTGGTGTAAAAATTACAGTTGTGCGCAGG
 GAACATAATATTGAGGAGACAGAACATACAGAGCAAAAGCGAAATGTGATTGCAATTAATTCCTCACCACA
 ACTACAATGCAGCTATTAATAAGTACAACCATGACATTGCCCTTCTGGAAGTGGACGAACCCCTAGTGCT
 AAACAGCTACGTTACACCTATTTGCATTGCTGACAAGGAATACACGAACATCTTCTCAAATTTGGATCT
 GGCTATGTAAGTGGCTGGGGAAGAGTCTTCCACAAAGGAGATCAGCTTTAGTTCTTCAGTACCTTAGAG
 TTCCACTTGTGACCGAGCCACATGTCTCGATCTACAAAGTTCACCATCTATAACAACATGTTCTGTGC
 TGGCTTCCATGAAGGAGGTAGAGATTCAATGTCGAAGGAGATAGTGGGGGACCCCATGTTACTGAAGTGGA
 GGGACCAAGTTTCTTAAGTGAATTATTAGCTGGGTGAAGAGTGTCAATGAAAGGCAAAATATGGAATAT
 ATACCAAGGTATCCCGGTATGTCAACTGGATTAAGGAAAAACAAAGCTCACT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219065 representing NM_000133
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MQRVNMIMAESPLITICLLGYLLSAECTVFLDHENANKILNRPKRYNSGKLEEFVQGNLERECMECKCS
 FEEAREVFENTERTTEFWKQYVDGDQCESNPCLNGGCKDDINSYECWCPFGFEGKNCELDVTCNIKNGR
 CEQFCKNSADNKVVCSTEGYRLAENQKSCEPAVPFPCGRVSVSQTSLTRAETVFPDQVDVYNSTEAEI
 LDNITQSTQSFNDFTRVVGEDAKPGQFPWQVVLNGKVDACGGSIVNEKWIVTAAHCVETGVKITVVAG
 EHNIEETEHEQKRNIRIIPHHNYNAAINKYNHDIALLELDEPLVLSYVTPICIAKEYTNIIFLKFGS
 GYVSGWGRVFKGRSALVLQYLRVPLVDRATCLRSTKFTIYNNMFCAGFHEGGRDSCQGDSSGPHVTEVE
 GTSFLTGIISWGEECAMKGKYGIYTKVSRYVNIKEKTKLT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000133

ORF Size:

1383 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_000133.2</u>
RefSeq Size:	2804 bp
RefSeq ORF:	1386 bp
Locus ID:	2158
UniProt ID:	<u>P00740</u>
Cytogenetics:	Xq27.1
MW:	51.78 kDa