

Product datasheet for **RC208589A1V**

Human Prothrombin (F2) (NM_000506) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Prothrombin (F2) (NM_000506) AAV Particle
Tag:	Myc-DDK
Symbol:	F2
Synonyms:	PT; RPRGL2; THPH1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC208589 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGCAGCTCCGAGGCTTGCAGCTGCCTGGCTGCCTGGCCCTGGCTGCCCTGTGTAGCCTTGTGCACA
 GCCAGCATGTGTTCTGGCTCCTCAGCAAGCACGGTCGCTGCTCCAGCGGGTCCGGCGAGCCAACACCTT
 CTTGGAGGAGGTGCGCAAGGGCAACCTGGAGCGAGAGTGCCTGGAGGAGACGTGCAGCTACGAGGAGGCC
 TTCGAGGCTCTGGAGTCTCCACGGCTACGGATGTGTTCTGGGCCAAGTACACAGCTTGTGAGACAGCGA
 GGACGCCTCGAGATAAGCTTGTGCATGTCTGGAAGGTAAGTGTGCTGAGGGTCTGGGTACGAACTACCG
 AGGGCATGTGAACATCACCCGGTCAGGCATTGAGTGCCAGCTATGGAGGAGTGCCTACCCACATAAGCCT
 GAAATCAACTCCACTACCCATCTGGGGCCGACCTACAGGAGAATTTCTGCCGAACCCGACAGCAGCA
 CCACGGGACCCTGGTGTACACTACAGACCCACCGTGAGGAGGCAGGAATGCAGCATCCTGTCTGTGG
 CCAGGATCAAGTCACTGTAGCGATGACTCCACGCTCCGAAGGCTCCAGTGTGAATCTGTACCTCCATTG
 GAGCAGTGTGTCCCTGATCGGGGCGCAGTACAGGGGCGCCTGGCGGTGACCACACATGGGCTCCCCT
 GCCTGGCTGGGCCAGCGCACAGGCCAAGGCCCTGAGCAAGCACCAGGACTTCAACTCAGCTGTGCAGCT
 GGTGGAGAACTTCTGCCGAACCCAGACGGGGATGAGGAGGGCGCGTGGTGTATGTGGCCGGGAAGCCT
 GGCGACTTTGGGTACTGCGACCTCAACTATTGTGAGGAGGCCGTGGAGGAGGAGACAGGAGATGGGCTGG
 ATGAGGACTCAGACAGGGCCATCGAAGGGCGTACCGCCACCACTGAGTACCAGACTTTCTTCAATCCGAG
 GACCTTTGGCTCGGGAGAGGCAGACTGTGGGCTGCGACCTCTGTTGAGAAGAAGTCGCTGGAGGACAAA
 ACCGAAAGAGAGCTCCTGGAATCTACATCGACGGGCGCATTGTGGAGGGCTCGGATGCAGAGATCGGCA
 TGTACCTTGGCAGGTGATGCTTTCCGGAAGAGTCCCAGGAGCTGCTGTGTGGGGCCAGCCTCATCAG
 TGACCGCTGGGTCTCACCGCCGCCACTGCCTCTGTACCCGCGCTGGGACAAGAACTTACCGAGAAT
 GACCTTCTGGTGCCTTGGCAAGCACTCCCGCACCAGGTACGAGCGAAACATTGAAAAGATATCCATGT
 TGGAAAAGATCTACATCCACCCAGGTACAAGTGGCGGGAGAACCTGGACCGGGACATTGCCCTGATGAA
 GCTGAAGAAGCCTGTTGCCTTCACTGACTACATTCACCCTGTGTCTGCCCAGAGGGAGACGGCAGCC
 AGCTTGTCTCAGGCTGGATAAAGGGGCGGGTACAGGCTGGGGCAACCTGAAGGAGACGTGGACAGCCA
 ACGTTGGTAAGGGGCGAGCCAGTGTCTGCAGGTGGTGAACCTGCCATTGTGGAGCGGCCGGTCTGCAA
 GGACTCCACCCGATCCGCATCACTGACAACATGTTCTGTGCTGTTACAAGCCTGATGAAGGGAACGA
 GGGGATGCCTGTGAAGGTGACAGTGGGGGACCCTTTGTCATGAAGAGCCCTTTAACAACCGCTGGTATC
 AAATGGGCATCGTCTCATGGGTGAAGGCTGTGACCGGGATGGGAAATATGGCTTCTACACATGTGTT
 CCGCTGAAGAAGTGGATACAGAAGGTATTGATCAGTTTGGAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208589 protein sequence
 Red=Cloning site Green=Tags(s)

MAHVRGLQLPGCLALALCSLVHSQHVFLAPQQARSLLRVRRANTFLEEVRKGNLERECVEETCSYEEA
 FEALESSTATDVFWAKYTACETARTPRDKLAACLEGNCAEGLGTNYRGHVNITRSGIECQLWRSRYPHK
 EINSTTHPGADLQENFCRNPDSSTTGPWCYTDDPTVRRQECVIPVCGQDQVTAMTPRSEGSSVNLSPPL
 EQCVPDRGQQYQGR LAVTTHGLPCLAWASQAQALSKHQDFNSAVQLVENFCRNPDGDEEGAWCYVAGKP
 GDFGYCDLNYCEEAVEEETGDGLDESDRAIEGRTATSEYQTFNPRTFGSGEADCGLRPLFEKKSLEDK
 TERELLESYIDGRIVEGSDAEIGMSPWQVMLFRKSPQELLCGASLISDRWVLTAAHCLLYPPWDKNFTEN
 DLLVRIGKHSRTRYERNIEKISMLEKIYIHPRYNWRENDRDIALMKLKKPVAFSDYIHPVCLPDRETA
 SLLQAGYKGRVTGWNLKETWTANVGKQPSVLQVNLPIVERPVCKDSTRIRITDNMFCAGYKPDGKR
 GDACEGDSGGPFVMSKPFNNRWYQMGIVSWGEGCDRDGKYGFYTHVFRLLKKWIKVIDQFGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_000506
ORF Size:	1866 bp
Buffer:	PBS with 0.001% Pluronic F6291
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_000506.2</u>
RefSeq Size:	2018 bp
RefSeq ORF:	1869 bp
Locus ID:	2147
UniProt ID:	<u>P00734</u>
Cytogenetics:	11p11.2
MW:	70 kDa