

Product datasheet for **RC208506A1V**

Human Factor X (F10) (NM_000504) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Factor X (F10) (NM_000504) AAV Particle
Tag:	Myc-DDK
Symbol:	Factor X
Synonyms:	FX; FXA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208506 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCGCCCACTGCACCTCGTCTGCTCAGTGCCTCCCTGGCTGGCCTCCTGCTGCTCGGGGAAAGTC
 TGTTTCATCCGAGGGAGCAGGCCAACACATCCTGGCGAGGGTACGAGGGCCAATTCCTTTCTTGAAGA
 GATGAAGAAAGGACACCTCGAAAGAGAGTGCATGGAAGAGACCTGCTCATACGAAGAGGCCCGCAGGTC
 TTTGAGGACAGCGACAAGACGAATGAATTCTGGAATAAATACAAAGATGGCGACCACTGTGAGACCAGTC
 CTTGCCAGAACCAGGGCAATGTAAAGACGGCTCGGGGAATACACCTGCACCTGTTTAGAAGGATTCTGA
 AGGCAAAACTGTGAATTATTCACACGGAAGCTCTGCAGCCTGGACAACGGGGACTGTGACCACTTCTGC
 CACGAGGAACAGAACTCTGTGGTGTGCTCCTGCGCCCGCGGTACACCCTGGTGACAACGGCAAGGCCT
 GCATCCACAGGGCCCTACCCCTGTGGGAAACAGACCCTGGAACGCAGGAAGAGGTCACTGGCCCAAGGC
 CACCAGCAGCAGCGGGGAGGCCCTGACAGCATCATGGAAGCCATATGATGCAGCCGACCTGGACCCC
 ACCGAGAACCCCTTCGACCTGCTTGACTTCAACCAGACGCAGCCTGAGAGGGGGCACAACACCTCACCA
 GGATCGTGGGAGGCCAGGAATGCAAGGACGGGGAGTGTCCCTGGCAGGCCCTGCTCATCAATGAGGAAAA
 CGAGGGTTTCTGTGGTGAACCTATTCTGAGCGAGTTCTACATCCTAACGGCAGCCCACTGTCTCTACAA
 GCCAAGAGATTCAAGGTGAGGGTAGGGGACCGAACACGGAGCAGGAGGAGGGCGGTGAGGCGGTGCACG
 AGGTGGAGGTGGTCATCAAGCACAACCGGTTTCAAAAGGAGACCTATGACTTCGACATCGCCGTGCTCCG
 GCTCAAGACCCCATCACCTCCGCATGAACGTGGCGCCTGCCTGCCCTCCCGAGCGTGACTGGGCCGAG
 TCCACGCTGATGACGAGAAGACGGGGATTGTGAGCGGCTTCGGGCGCACCCACGAGAAGGGCCGGCAGT
 CCACAGGCTCAAGATGCTGGAGGTGCCCTACGTGGACCGCAACAGCTGCAAGCTGTCCAGCAGTTTCTAT
 CATCACCCAGAACATGTTCTGTGCCGGCTACGACACCAAGCAGGAGGATGCCTGCCAGGGGGACAGCGGG
 GGCCCGCAGCTACCCGCTTCAAGGACCTACTTCGTGACAGGCATCGTCAGCTGGGGAGAGGGCTGTG
 CCCGTAAGGGGAAGTACGGGATCTACACCAAGGTACCGCCTTCTCAAGTGGATCGACAGGTCCATGAA
 AACCAGGGGCTTGCCCAAGGCCAAGAGCCATGCCCGGAGGTCAACGTCTCTCCATTAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208506 protein sequence
 Red=Cloning site Green=Tags(s)

MGRPLHLVLLSASLAGLLLLGESLFIIRREQANNILARVTRANSFLEEMKKGHLERECMEETCSYEEAREV
 FEDSDKTNEFWNKYKDGQCEETSPCQNGKCKDGLGEYTCTCLEGFEGKNCELFTRKLCSLDNGDCDQFC
 HEEQNSVVCSCARGYTLADNGKACIPTGPYPCGKQTLERRKRSVAQATSSSGEAPDSITWKPYDAADLDP
 TENPFDLLDFNQTPERGDNNLTRIVGGQECKDGECPWQALLINEENEGFCGGTILSEFYILTAHCLYQ
 AKRFRKVRVGRNTEQEEGGEAVHEVEVVIKHNRFKETYDFDIAVLRLKTPITFRMNVPACLPERDWA
 STLMTQKTGIVSGFGRTHEKGRQSTRKMLEVPYVDRNSCKLSSFIITQNMFCAGYDTKQEDACQDGS
 GPHVTRFKDTYFVTGIVSWGEGCARKGYGIYTKVTAFLKWIDRSMKTRGLPKAKSHAPEVITSSPLK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000504

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_000504.3</u>
RefSeq Size:	1560 bp
RefSeq ORF:	1467 bp
Locus ID:	2159
UniProt ID:	<u>P00742</u>
Cytogenetics:	13q34
MW:	54.7 kDa