

## Product datasheet for RC219116A1V

### Human Factor VIII (F8) (NM\_019863) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Factor VIII (F8) (NM\_019863) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Factor VIII  
**Synonyms:** AHF; DXS1253E; F8B; F8C; FVIII; HEMA  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC219116 representing NM\_019863  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGGATCCAAGACCCTGGGAAGGTCTTCTTTGGCAATGTGGATTCATCTGGGATAAAACACAATATTT  
 TTAACCCCTCCAATTATTGCTCGATACATCCGTTTGACCCAACTCATTATAGCATTTCGACGACTCTTCG  
 CATGGAGTTGATGGGCTGTGATTTAAATAGTTGCAGCATGCCATTGGGAATGGAGAGTAAAGCAATATCA  
 GATGCACAGATTACTGCTTCATCCTACTTTACCAATATGTTTGCCACCTGGTCTCCTTCAAAGCTCGAC  
 TTCACCTCCAAGGGAGGAGTAATGCCTGGAGACTCAGGTGAATATCCAAAAGAGTGGCTGCAAGTGGGA  
 CTTCCAGAAGACAATGAAAGTCACAGGAGTAAGTACTCAGGGAGTAAAATCTCTGCTTACCAGCATGTAT  
 GTGAAGGAGTTCTCATCTCCAGCAGTCAAGATGGCCATCAGTGGACTCTCTTTTTTTCAGAATGGCAAAG  
 TAAAGGTTTTTCAGGAAATCAAGACTCCTTCACACCTGTGGTGAAGTCTCTAGACCCACCGTTACTGAC  
 TCGCTACCTTCGAATTCACCCCAAGTGGGTGCACCAGATTGCCCTGAGGATGGAGGTTCTGGGCTGC  
 GAGGCACAGGACCTCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC219116 representing NM\_019863  
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MRIQDPGKVFVFGNVDSSGIKHNIFNPPIIARYIRLHPHYSIRSTLRMELMGCDLNCSMPLGMESKAIS  
 DAQITASSYFTNMFATWSPSKARLHLQGRSNAWRPQVNNPKEWLQVDFQKTMKVTGVTTQGVKSLTSMY  
 VKEFLISSQDGHQWTLFFQNGKVKVFQGNQDSFTPVNSLDPPLLTRYLRIHPQSWVHQIALRMEVLGC  
 EAQDLY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



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Species:	Human
Serotype:	AAV-2
ACCN:	NM_019863
ORF Size:	648 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:	<a href="#">NM_019863.2</a> , <a href="#">NP_063916.1</a>
RefSeq Size:	2617 bp
RefSeq ORF:	651 bp
Locus ID:	2157
UniProt ID:	<a href="#">P00451</a>
Cytogenetics:	Xq28
MW:	24.5 kDa