

Product datasheet for **RC228108A1V**

Human Frataxin (FXN) (NM_001161706) AAV Particle

Product data:

Product Type: AAV Particles
 Product Name: Human Frataxin (FXN) (NM_001161706) AAV Particle
 Tag: Myc-DDK
 Symbol: Frataxin
 Synonyms: CyaY; FA; FARR; FRDA; X25
 Mammalian Cell Selection: None
 Vector: pAAV-AC-Myc-DDK (PS100089)
 ORF Nucleotide Sequence: >RC228108 representing NM_001161706
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGACTCTCGGGCGCCGCGCAGTAGCCGGCCTCTGGCGTCACCCAGCCCAGCCCAGGCCAGACCC
 TCACCCGGGTCCCGCGGCCGCGCAGATTGGCCCCACTCTGCGGCCGCGTGGCCTGCGCACCGACATCGA
 TGCGACCTGCACGCCCCGCGCGCAAGTTCGAACCAACGTGGCCTCAACCAGATTGGAATGTCAAAAAG
 CAGAGTGTCTATTTGATGAATTTGAGGAAATCTGGAACCTTTGGCCACCCAGGCTCTCTAGATGAGACCA
 CCTATGAAAGACTAGCAGAGGAAACGCTGGACTCTTTAGCAGAGTTTTTTGAAGACCTTGCAGACAAGCC
 ATACACGTTTGAGGACTATGATGTCTCCTTTGGGAGTGGTGTCTTAACCTGTCAAACCTGGGTGGAGATCTA
 GGAACCTATGTGATCAACAAGCAGACGCAACAAGCAAATCTGGCTATCTTCTCCATCCAGGTTAACGT
 GGCTCCTGTGGCTGTTCCATCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228108 representing NM_001161706
 Red=Cloning site Green=Tags(s)

MWTLGRRVAGLLASPSPAQAQTLTRVPRPAELAPLCGRRGLRTDIDATCTPRRASSNQRLNQIWNVKK
 QSVYLMNLRKSGTLGHPGSLDETTYERLAEETLDSLAEFFEDLADKPYTFEDYDVSFGSGVLTVKLGGDL
 GTYVINKQTPNKQIWLSSPSRLTWLLWLFHP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
 Serotype: AAV-2



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ACCN:	NM_001161706
ORF Size:	513 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_001161706.1</u> , <u>NP_001155178.1</u>
RefSeq ORF:	516 bp
Locus ID:	2395
UniProt ID:	<u>Q16595</u>
Cytogenetics:	9q21.11
MW:	19.09 kDa