

## Product datasheet for **RC225122A1V**

### Human FXYD2 (NM\_001127489) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human FXYD2 (NM\_001127489) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** FXYD2  
**Synonyms:** ATP1G1; HOMG2; MGC12372  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC225122 representing NM\_001127489  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGACTGGGTTGTCGATGGACGGTGGCGGCAGCCCCAAGGGGGACGTGGACCCGTTCTACTATGGTAAGC  
 CTGGGCCCCCTGCGCACCCCTTCTGAGCCCTCAGGACCCCTCCACCAAGCAGCGGCCTCTCCAGCCCCA  
 GGTCCATGCTCTGTGCCCTTATCTCCCTGGTTACCACGGGCTGCTGCGGGCAGGCTGCGGAGAGAGAC  
 AGCTGCTGGGAGAGACCACCCATCCCGCTCCTCTTCCCTCTCTTTCCGGAGACTATGAGACCGTTCGCA  
 ATGGGGCCTGATCTTCGCTGGACTGGCCTTCATCGTGGGGCTCCTCATCCTCAGTAAGTGGGGTGG  
 CCTCCAGGGAAGGGGTGCTGACCAGGGCACCTCTTTCTCAAGGCCGCTGAGCAGGCTGGCTTTCGGGAG  
 TTGCCAAGGGAGGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC225122 representing NM\_001127489  
Red=Cloning site Green=Tags(s)

MTGLSMDGGGSPKGDVDPFYYGKPGPLRTLPEPSGPLPPSSGLSQPQVHALCPLSPLVTTGCCGQAAERD  
 SCWERPPIPLLLPSLSGDYETVRNGGLIFAGLAFIVGLLILLKSWGGLQGRGADQGTSLLKAAEQAGFRE  
 LPREG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2



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<b>ACCN:</b>	NM_001127489
<b>ORF Size:</b>	435 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001127489.1, NP_001120961.1</u>
<b>RefSeq ORF:</b>	437 bp
<b>Locus ID:</b>	486
<b>Cytogenetics:</b>	11q23.3
<b>MW:</b>	14.9 kDa