

Product datasheet for **RC224363A1V**

Human Aprataxin (APT_X) (NM_175071) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Aprataxin
Synonyms:	AOA; AOA1; aprataxin; ataxia 1, early onset with hypoalbuminemia; AXA1; EAOH; EOAHA; FHA-HIT; FLJ20157; MGC1072; OTTHUMP00000021188
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224363 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGAATGAACTTTATCCATATATTGTAGAGTTTGAGGAAGAGGCAAAGAACCCTGGCCTGGAACAC
ACAGGAAGAGAAAGAGATCAGGCAACAGTGATTCTATAGAAAGGGATGCTGCTCAGGAAGCTGAGGCTGG
GACAGGGCTGGAACCTGGGAGCAACTCTGGCCAATGCTCTGTGCCCTAAAGAAGGAAAAAGATGCACCT
ATCAAAAAGGAATCCCTGGGCCACTGGAGTCAAGGCTTGAAGATTTCTATGCAGGACCCCAAATGCAGG
TTTACAAAGATGAGCAGGTGGTGGTGATAAAGGATAAATACCAAAGGCCCGTTACCATTTGGCTGGTCTT
ACCGTGGACCTCCATTTCCAGTCTGAAGGCTGTGGCCAGGGAACACCTTGAACCTCCTTAAGCATATGCAC
ACTGTGGGGGAAAAGGTGATTGTAGATTTTGTGGTCCAGCAAACCTCCGCTTCCGATTGGGCTACCACG
CCATTCCGAGTATGAGCCATGTACATCTTCATGTGATCAGCCAGGATTTTGATTCTCCTTGCCTTAAAAA
CAAAAAACATTGGAATTTTCAATACAGAATACTTCCTAGAATCACAAGCTGTGATCGAGATGGTACAA
GAGGCTGGTAGAGTAAGTGTCCGAGATGGGATGCCTGAGCTCTGAAGCTGCCCTTCGTTGTCATGAGT
GCCAGCAGCTGCTGCCTCCATTCTCAGCTGAAAGAACATCTCAGGAAGCACTGGACACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC224363 protein sequence Red=Cloning site Green=Tags(s) MVNELYPYIVEFEEAAKNPGLETHRKRKRSNGSDSIERDAAQAEAGTGLEPGSNSGQCSVPLKKGKDAP IKKESLGHWSQLKISMQDPKMQVYKDEQVVVIKDKYPKARYHWLVLPWTSISLKAAREHLELLKHH TVGEKVIQDFAGSSKLRFLGYHAIPSMHVHLHVISQDFSPCLKNKKHNSFNTEYFLESQAVIEMVQ EAGRVTVRDGMPELLKLPLRCHECQQLPSIPQLKEHLRKHWQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_175071
ORF Size:	762 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_175071.1, NP_778241.1</u>
RefSeq Size:	1895 bp
RefSeq ORF:	506 bp
Locus ID:	54840
Cytogenetics:	9p21.1
MW:	29.1 kDa