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Product datasheet for MR221234A1V

Mouse Atxn7l2 (NM_175183) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Atxn7l2
Synonyms:	2610528J18Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>MR221234 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCCTCATTAAAGAAGACATGTCCATCTTCGGGCACTGCCCTGCCCATGATGACTTCTATTTGGTTG
TATGTAACCACTGCAGCCAGGTGGTGAAGCCCCAAGCCTTCCAGAAGCATTGCGAAAGAAGACATGGGCC
CCTCAGCAAGCTTTATGCCCGGGCCCCACCCCCACCTCCAGCCCCTGCCAGCTCTCAAAAATGCCATGTA
GTGAATGGGCAGGGCCCAGCTTGTAGAGCCCCAGGTTCCACCAAAACCTCCTCCAGGGAGAAGGGCCAGG
GGTCCCGGAGCCGTGGCCATCAGCCTCCTGAGAAGACCCAGAAGGACAGCCTCTGCCTTTTCGTGCCTGT
GGTGAATCTGGAGAAGATATCCAGTCTCCCGAAACCTGATGCACATGGAGTCAGGGTGGCCCCACCCTCT
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ACTGCCATTACGCAACTCGGCCCCCCAGGCCACAGGCGTTTTGCACATTTGGAAGCCGGCTGGTGAGCCC
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CTGGAGCCTGCTGGAAAGGGCAAACCCTCTAGCTGTCGGGGTCTCTCAACCAAGACTAAAACAGCCCTGA
ACTTGGGGCTTAATGGAACAGTGGGGCCACGAGTGAAACGGGCCGGTCCCCTGGACTGTCGGGGTTCCCC
TCATCCATCCCCCATACCCGTCAAGGCTTCTCAGCTAGAAAACCGAGGAGTGGCCGGACACCCAGCTAAG
GTCCTGCCAACCACCTGCCTCTCCGAGGAGGAGGTAGCCAAGAAGCGGAAAAACCTGGCCACTTACTGCC
GGCCAGTCAAGGCCAAGCACTGTCAGGCTGGTGTCCCTCCTGATGGGACCTGCTCTGTGCGTCGCAAGAA
GCCAGGTCCAGCCCTGCCCTTTGAGGAGAAGTGCTCTACACTGAAGTCAAAAGCTCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221234 protein sequence
Red=Cloning site Green=Tags(s)

MTLIKEDMSIFGHCPAHDDFYLVVCNHCSQVVKPQAFQKHCERRHGPLSKLYARAPPPPPAPASSQKCHV
VNGQGPACRAPGSTKTSSREKGQGSRSRGHQPPEKTQKDSLCLFVPVVNLEKISSLPKPDAHGVRVAPPS
ALLSQPGGLPKDSPGKVPTAPSPKEPPGRENIELVPGEGSSHRAEGSPPEKEASGARLPPKTHRKMARKE
FDLNRQCGVINPETKKICTRLLTCKIHSVHQRREVPGRAKDFDVLVAELKASSRKGESPKEKSPAHKEPA
LERPSQEPPTAVQGVAAVAAPNTTFSSLSKQTYPYCALPRSHASSESEVDDEGPCGGDGDPGLFPFPLPR
GGAQASSEESEEEGISDDLHLSPDCHYATRPPRPQAFCTFGSRLVSPGCYVFSRRLDRFCSALSSMLERH
LSSHMWKKIPPAAEPPSHLVSPSLSDPLSPSPMGSCPRLPGPAPRPACPASIPPVKDSLVPSYPAGSPSV
AAACSQAECMGGSQAITSPLPANTPSPSFSKLPPSKASKSSKGKEGVEMEAPSRKRKLSPGPTTFKRTCI
LEPAGKGKPSSCRGLSTKTKTALNLGLNGTVGPRVKRAGPLDCRGSPHPSPIPVKASQLENRGVAGHPAK
VLPTTCLSEEEVAKKRKNLATYCRPVKAKHCQAGVPPDGTCSVRRKKPGPALPFEEKCSTLKSKAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_175183
ORF Size:	2088 bp
Buffer:	PBS with 0.001% Pluronic F3228
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:	NM_175183.4, NP_780392.1
RefSeq Size:	2638 bp
RefSeq ORF:	2091 bp
Locus ID:	72522
Cytogenetics:	3 F2.3
MW:	74 kDa