

Product datasheet for **MR218907A1V**

Mouse **Aplf** (NM_001170489) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Aplf (NM_001170489) AAV Particle
Tag:	Myc-DDK
Symbol:	Aplf
Synonyms:	2010301N04Rik; AI452191
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR218907 representing NM_001170489
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGTTTCGACTTCTTTCTGCAGCCTCTGGACGGCGGTCCCCGCGTGCCCGTGGGGCCGGGCGAGACTG
 TGATAGGCCGCGGGCCGCTGCTGGGAATAACAGACAAAAGAGTATCCAGAAGACATGCCATTCTTGAAGT
 GGTTGATAGTCAGCTTCAATCAAGCCAATCCATAGGAATCCATGTTTCTACCACTCCTCGGAGAAGAGC
 CAACACTCGCCAATGGAGACGCAAGTGTGGAGCCAGTTGCATCCCGGGGATAGCTTTTCCTGTTACTTG
 ACAAGTACGCTTTCCGTGTTTCTCTGCAGAATCTGAAGTGGAGATGGAGTGTACTCTGAGAAACAGTCA
 GATGCTTGATGAAGATGATATATTGAGTGAGATGCAGAAGTCCCTGTGGTTAACTTACCTGATAAGACA
 ACTGGTGCCTCAGAGTCAAGGAAGCCCTGAAATAACCAAGACCAAGTGTCCACCATAGATCCTATGT
 CCTCTTCAAGTGAATGCAGAGCTTTCAGTGAGCACCAGCCACGTCCTACCCAGAGGAAAAGAATCCTCCC
 AGCTTGGATGTTGGCGGAAAGTCTAAGTGACCAGAGCCTCTCCACACCAGCTGAGGGGGGAGATAAGGAT
 GTCATCCAGAGGAGTGGAAAAGCAGGAACCTGTGAAGATAGAACCCAGGAAACACATCATGGCATGGGA
 AAAAGCGGCTTAGTCCATCAGGAAATCAAAAAGTGTGTGACGGGAACAGACCCCTGGGAAGAAGTGCAG
 AAAGGCTGACCAAGAAGGACCGGTGTTTCTTCTGAGAATGTTCCAGAATCATCATCTTCAAACATAGTA
 AAGGACCCAGATGTGGATATTGTGAAGACAAATAACAGAGGACGGGATTTTAAAGAGGAAGTGGTG
 AGGTCTCTAAACATAAAGCCGCCACCAACCAACCAACCAATGAAGAGGGCGAGAGTTGTGCACGTGTCCA
 AAGCAAGTCACCTCCTGAGAAATCTCAAGGATGCCATCCTGAGTCTAGCTCTGCTCCCTCCAGTCCTGAT
 GCTTTGCACACAGACACAGCTGACCCAGTGTGGGCTGTTGAGAAGAAAGCAAGTCCGGAGGACGGCCT
 GCATGTATGGGCGCAACTGCTACAGGAGGAACCCCTCACTTTCAACACTTCAGCCACCCTGGTGACAG
 TGACTATGGAGAGGTACATGGCACAGATGAAGGTGTGATTGGTGACAGGCCCGAGTGTCCCTATGGAGCG
 TCTTGTACAGGAAGAACCCCGACACAGATGAAGTGAATATAGGCACAGTCACTTCCAGCCAGAGTTGCTC
 TGGATGAAGATGACGATGATGTCGGGCAACCCAGTACGATGAGGACGAGGAAGACTATGAGCCGACAGA
 TGAAGATTCTGATTGGCACCCAGGAAAGGACGATGAGGAGCAGGAAGATGTGGATGAGCTTTTGAAGAA
 GCAAAAAGTTCTTGCACCTTGAACAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPSDFFLQPLDGGPRVPVGPQTVIGRGPLLGITDKRVSRRHAILEVVDSQLRIKPIHRNPCFYQSSEKS
 QHSPMETQVWSQLHPGDSFSLLLDKYAFRVFSAESEVEMECTLRNSQMLDEDDILSEMOKSPVVNLPDKT
 TGASQLQGSPEITKTKCPTIDPMSSSGECRAFSEHQPRPTQRKRILPAWMLAESLSDQSLSTPAEGGDKD
 VIQRSGKAGTCDRTPGNTSWHGKKRLSPSGNSKSVSAEQDPGKKCRKADQEGPGVSSENVPESSSNIV
 KDPDVIDIVKTNKQKDGILIEELGEVSKHKAATKPTTNEEGESCARVQSKSPPEKSQGCHESSAPSSPD
 ALHTDTADPVLGCSEESKVRRTACMYGANCYRRNPLHFQHFHPGDSQYGEVHGTDEGVIGDRPECPYGA
 SCYRKNPQHKMEYRHSALPARVALDEDDDDVGQPSDDDEDEDEYPTDESDWHPGKDDEEQEDVDLLKE
 AKSSLHLKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001170489

ORF Size:

1497 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_001170489.1</u> , <u>NP_001163960.1</u>
RefSeq Size:	3184 bp
RefSeq ORF:	1500 bp
Locus ID:	72103
UniProt ID:	<u>Q9D842</u>
Cytogenetics:	6 D1
MW:	55.4 kDa