

## Product datasheet for **RC209052A1V**

### Human LAP3 (NM\_015907) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human LAP3 (NM_015907) AAV Particle
Tag:	Myc-DDK
Symbol:	LAP3
Synonyms:	HEL-S-106; LAP; LAPEP; PEPS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC209052 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTCTTGCTGCCTCTTCCGGCTGCGGGCGAGTAGTCGTCGACGTCTGGCCGTGAGACGTTTCGGGA  
 GCCGGAGTCTCTCCACCGCAGACATGACGAAGGCCTTGTAGGAATCTATCCAAAGAAAAAGAAGA  
 TGATGTGCCACAGTTCACAAGTGCAGGAGAGAATTTGATAAATTGTTAGCTGGAAAGCTGAGAGAGACT  
 TTGAACATATCTGGACCACCTCTGAAGGCAGGGAAGACTCGAACCTTTTATGGTCTGCATCAGGACTTCC  
 CCAGCGTGGTGTAGTTGGCCTCGGCAAAAAGGCAGCTGGAATCGACGAACAGGAAAAGTGGCATGAAGG  
 CAAAGAAAACATCAGAGCTGCTGTTGCAGCGGGTGCAGGCAGATTCAAGACCTGGAGCTCTCGTCTGTG  
 GAGGTGGATCCCTGTGGAGACGCTCAGGCTGCTGCGGAGGGAGCGGTGCTTGGTCTCTATGAATACGATG  
 ACCTAAAGCAAAAAAGAAGATGGCTGTGTCGGCAAAGCTCTATGGAAGTGGGGATCAGGAGCCTGGCA  
 GAAAGGAGTCTGTTTGTCTTCTGGCAGAACTTGGCACCCAATTGATGGAGACGCCAGCCAATGAGATG  
 ACGCCAACAGATTTGCCGAAATATTGAGAAGAATCTCAAAAGTCTAGTAGTAAAACCGAGGTCCATA  
 TCAGACCCAAGTCTTGGATTGAGGAACAGGCAATGGGATCATTCTCAGTGTGGCCAAAGGATCTGACGA  
 GCCCCAGTCTTCTTGGAAATCACTACAAAGGCAGCCCAATGCAAACGAACCACCCTGGTGTGTTGTT  
 GGGAAAGGAATTACCTTTGACAGTGGTGGTATCTCCATCAAGGCTTCTGCAAAATAGGACCTCATGAGGG  
 CTGACATGGGAGGAGCTGCAACTATATGCTCAGCCATCGTGTCTGCTGCAAAAGCTTAATTTGCCATTA  
 TATTATAGGTCTGGCCCTCTTTGTGAAAATATGCCAGCGGCAAGGCCAACAGCCGGGGGATGTTGTT  
 AGAGCCAAAAACGGGAAGACCATCCAGGTTGATAACACTGATGCTGAGGGGAGGCTCATACTGGCTGATG  
 CGCTCTGTTACGCACACACGTTTAACCCGAAGGTCATCCTCAATGCCGCCACCTAACAGGTGCCATGGA  
 TGTAGCTTTGGGATCAGGTGCCACTGGGGTCTTTACCAATTCATCCTGGCTCTGGAACAAACTCTTCGAG  
 GCCAGCATTGAAACAGGGGACCGTGTCTGGAGGATGCCTCTCTCGAACATTATACAAGCAGGTTGTAG  
 ATTGCCAGCTTGTGATGTTAACAACATTGAAAATACAGATCTGCAGGAGCATGTACAGCTGCAGCATT  
 CCTGAAAGAATTCGTAACCTATCCTAAGTGGGCACATTTAGACATAGCAGGCGTGATGACCAACAAAGT  
 GAAGTTCCTATCTACGGAAAGGCATGACTGGGAGGCCACAAGGACTCTCATTGAGTCTTACTTCGTT  
 TCAGTCAAGACAATGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC209052 protein sequence  
 Red=Cloning site Green=Tags(s)

MFLPLPAAGR VVRR LAVRR FGS RSLSTADMTKGLV LGLIYSKEKEDDVPQFTSAGENFDKLLAGKLRET  
 LNISGPPLKAGKTRTFYGLHQDFPSVVLVGLGKKAAGIDEQENWHEGKENIRAAVAAGCRQIQDLELSSV  
 EVDPCGDAQAAAE GAVLGLYEYDDLKQKKKMAVS AKLYGSGDQEA WQKGVLFASGQNLARQLMTPANEM  
 TPTRFAEIIIEKNLKSASSKTEVHIRPKSWIEEQAMGSFLSVAKGSDEPPVFLIEHYKGSPLANEPPLV FV  
 GKGITFDSGG I SIKASANMDLMRADMGGAATICS AIVSAAKLNLPINIIGLAPLCENMPSGKANKPGDVV  
 RAKNGKTIQVDNTDAEGR LILADALCYAHTFNPKVILNAATLTGAMDVALGSGATGVFTNSSWLWNKLF E  
 ASIETGDRVWRMPLFEHYTRQVVDCQLADVNNIGKYRSAGACTAAAFLEKVFVTHPKWAHLDIAGVMTNKD  
 EVPYLRKGMTGRPTRLIEFLLRFSQDNA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_015907

**ORF Size:**

1557 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><a href="#">NM_015907.2</a></u> , <u><a href="#">NP_056991.2</a></u>
<b>RefSeq Size:</b>	2100 bp
<b>RefSeq ORF:</b>	1560 bp
<b>Locus ID:</b>	51056
<b>UniProt ID:</b>	<u><a href="#">P28838</a></u>
<b>Cytogenetics:</b>	4p15.32
<b>MW:</b>	56.2 kDa