

Product datasheet for **RC600073A1V**

Human AXL (NM_001699) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AXL (NM_001699) AAV Particle
Tag:	Myc-DDK
Symbol:	AXL
Synonyms:	ARK; JTK11; Tyro7; UFO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600073 representing leader sequence plus the extracellular domain region of NM_001699

Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGCGTGGCGGTGCCCCAGGATGGGCAGGGTCCCGCTGGCTGGTGGCTGGCGCTGTGCGGCTGGCGCT
GCATGGCCCCAGGGGCACGCAGGCTGAAGAAAGTCCCTTCGTGGGCAACCCAGGAATATCACAGGTGC
CCGGGACTCACGGGCACCCCTTCGGTGTGAGCTCCAGGTTAGGGAGAGCCCCCGAGGTACATTGGCTT
CGGGATGGACAGATCCTGGAGCTCGCGGACAGCACCCAGACCCAGGTGCCCTGGGTGAGGATGAACAGG
ATGACTGGATAGTGGTCAAGCAGCTCAGAATCACCTCCCTGCAGCTTCCGACACGGGACAGTACCAGTG
TTTGGTGTTCGGGACATCAGACCTTCGTGTCCAGCCTGGCTATGTTGGGCTGGAGGGCTGCCTTAC
TTCTGGAGGAGCCCGAAGACAGGACTGTGGCCGCCAACACCCCTTCAACCTGAGCTGCCAAGCTCAGG
GACCCCGAGAGCCGTGGACCTACTCTGGCTCCAGGATGCTGTCCCTGGCCACGGCTCCAGGTCACGG
CCCCCAGCGCAGCCTGCATGTTCCAGGGCTGAACAAGACATCCTCTTCTCCTGCGAAGCCCATAACGCC
AAGGGGTCAACACATCCCGCACAGCCACCATCACAGTGTCCCCAGCAGCCCCGTAACCTCCACCTGG
TCTCCCGCCACCCACGGAGCTGGAGGTGGCTTGGACTCCAGGCTGAGCGGCATCTACCCCTGACCCA
CTGCACCTGCAGGCTGTGCTGTGACAGATGGGATGGGCATCCAGGCGGAGAACAGACCCCCAGAG
GAGCCCTCACCTCGAAGCATCCGTGCCCCCATCAGCTTCGGCTAGGCAGCCTCCATCTCACACCC
CTTATCACATCCGCGTGGCATGCACAGCAGCCAGGGCCCTCATCTGGACCCACTGGCTTCTGTGGA
GACCCCGAGGGAGTGGCCCTGGGCCCCCTGAGAACATTAGTGCTACGCGGAATGGGAGCCAGGCTTC
GTGATTGGCAAGAGCCCCGGGCGCCCTGCAGGATACCCTGTTAGGGTACCGGCTGGCTATCAAGGCC
AGGACACCCAGAGGTGCTAATGGACATAGGGCTAAGGCAAGAGGTGACCTGGAGCTGCAGGGGACGG
GTCTGTGTCCAATCTGACAGTGTGTGTGGCAGCCTACACTGCTGCTGGGATGGACCCTGGAGCTCCCA
GTACCCCTGGAGGCTGGCGCCAGTGAAGGAACCTTCAACTCCTGCCTTCTCGTGGCCCTGGTGG

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA

Protein Sequence:

>RC600073 representing signal peptide plus the extracellular domain region of NM_001699

Red=Cloning sites Green= DDK and 6XHIS Tags

MAWRCPRMGRVPLAWCLALCGWACMAPRGTAEESEPFVGNPGNITGARGLTGTLRCQLQVQGEPPVHVL
RDGQILELADSTQTQVPLGEDEQDDWIVVSQLRITSLQLSDTGQYQCLVFLGHQTFVSQPGYVGLGLPY
FLEPEDRTVAANTPFNLSCQAQGPPEPVDLLWLQDAVPLATAPGHGQPSLHVPGLNKTSSFSCAHNA
KGVTTSTRTATITVLPQQPRNLHLVSRQPTLEVAWTPGLSGIYPLTHCTLQAVLSDDGMGIQAGEPDPPE
EPLTSQASVPPHQLRLGSLHPHTPYHIRVACTSSQGPSSWTHWLPVETPEGVPLGPPENISATRNGSQAF
VHWQEPRAPLQGTLLGYRLAYQGQDTPVELMDIGLRQEVTLQLQGDGVSNNLTVCAAYTAAGDGPWSLP
VPLEAWRPVKEPSTPAFSPWW

TRSGTRSGDYKDDDDKGSHHHHHH

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001699

ORF Size:

1326 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_001699.5, NP_001690.2</u>
RefSeq Size:	4723 bp
RefSeq ORF:	2658 bp
Locus ID:	558
UniProt ID:	<u>P30530</u>
Cytogenetics:	19q13.2
MW:	48.1 kDa