

Product datasheet for **RC221972A1V**

Human IL4I1 (NM_172374) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IL4I1 (NM_172374) AAV Particle
Tag:	Myc-DDK
Symbol:	IL4I1
Synonyms:	FIG1; hIL4I1; LAAO; LAO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221972 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCCAACGATGACTTCTGTCTCTGGGCTAACCATAAAGGCCATGGGTGCTGAGAGAGCCCCCAGAGGC
 AGCCATGCACCTGCACCTCCTCGTCTCGTCCCATCCTCCTCAGCCTGGTGGCCTCCCAGGACTGGAA
 GGCTGAACGCAGCCAAGACCCCTTCGAGAAATGCATGCAGGATCCTGACTATGAGCAGCTGCTCAAGGTG
 GTGACCTGGGGCTCAATCGGACCTGAAGCCCCAGAGGGTATTGTGGTTGGCGCTGGTGTGGCCGGGC
 TGGTGGCCGCCAAGGTGCTCAGCGATGCTGGACACAAGGTACCATCCTGGAGGCAGATAACAGGATCGG
 GGGCCGCATCTTACCTACCGGGACCAGAACATGGGCTGGATTGGGGAGCTGGGAGCCATGCGCATGCC
 AGCTCTCAGAGGATCCTCCACAAGCTCTGCCAGGGCTGGGGCTCAACCTGACCAAGTTCACCCAGTACG
 ACAAGAACACGTGGACGGAGGTGCACGAAGTGAAGCTGCGCAACTATGTGGTGGAGAAGGTGCCCGAGAA
 GCTGGGCTACGCTTTCGCTCCCGAGAAAAGGGCCACTCGCCGAAGACATCTACCAGATGGCTCTCAAC
 CAGGCCCTCAAAGACCTCAAGGCACTGGGCTGCAGAAAGGCGATGAAGAAAGTTTAAAGGCACACGCTCT
 TGGAAATATCTTCTCGGGAGGGGAACCTGAGCCGGCCGCGCTGCAGCTTCTGGGAGACGTGATGTCCGA
 GGATGGCTTCTTCTATCTCAGCTTCGCCGAGGCCCTCCGGGCCACAGCTGCCTCAGCGACAGACTCCAG
 TACAGCCGCATCGTGGGTGGCTGGGACCTGCTGCCGCGCGCTGCTGAGCTCGCTGTCCGGCTGTGTC
 TGTTGAACGCGCCCGTGGTGGCGATGACCCAGGACCGCACGATGTGCACGTGCAGATCGAGACCTCTCC
 CCCGCGCGGAATCTGAAGGTGCTGAAGGCCGACGTGGTGTGCTGACGGCGAGCGGACCGCGGTGAAG
 CGCATCACCTTCTCGCCGCGCTGCCCCGCCACATGCAGGAGGCGCTGCGGAGGCTGCACTACGTGCCGG
 CCACCAAGGTGTTCTTAAGCTTCCGAGGCCCTTCTGGCGCGAGGAGCACATTGAAGCGGCCACTCAAA
 CACCGATCGCCCGTCCGCGCATGATTTTCTACCCGCCGCGCGAGGGCGCGCTGCTGCTGGCCTCGTAC
 ACGTGGTTCGGACGCGGCGGCGAGCGTTCCCGGGCTTGAAGCGGAGAGGCGTTGCGCTTGGCGCTCGACG
 ACGTGGCGGCTTGCACGGGCTGTGCTGCGCCAGCTCTGGGACGGCACCGGCGTCTCAAGCGTTGGGC
 GGAGGACCAGCACAGCCAGGGTGGCTTTGTGGTACAGCCGCCGCGCTCTGGCAAACGAAAAGGATGAC
 TGGACGGTCCCTATGGCCGCATCTACTTTCGCCGCGAGCACACCGCTACCCGACGGCTGGTGGAGA
 CGGCGGTCAAGTCGGCGCTGCGCGCCGATCAAGATCAACAGCCGGAAGGGGCTGCATCGGACACGGC
 CAGCCCCGAGGGGCACGCATCTGACATGGAGGGGAGGGGCATGTGCATGGGGTGGCCAGCAGCCCTCG
 CATGACCTGGCAAAGGAAGAAGGCAGCCACCCTCCAGTCAAGGCCAGTTATCTCTCAAACACGACCC
 ACACGAGGACCTCGCAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221972 protein sequence
 Red=Cloning site Green=Tags(s)

MPNDDFCPLTIKAMGAERAPQRQPCTLHLLVLPILLSLVASQDWAERSQDPFEKCMQDPDYEQLLKV
 VTWGLNRTLKPQRVIVVGAGVAGLVAAKVLSAGHKVITILEADNRIGGRIFTYRDQNMGWIGELGAMRMP
 SSHRILHLKLCQGLGLNLTKFTQYDKNTWTEVHEVKLRNYVVEKVPEKLGALRPQEKHSPEDIYQMALN
 QALKDLKALGCRKAMKKFERHTLLEYLLGEGNLSRPAVQLLDVMSDEGFFYLSFAEALRAHSCLSDRLQ
 YSRIVGGWDLPRALLSSLGSLVLLNAPVVAMTQGPHDVHVQIETSPARNLKVLRKADVLLTASGPAVK
 RITFSPPLPRHMQEALRRLHYVPATKVFLSFRPFWREEHIEGGHSNDRPSRMIFYPPPREGALLASY
 TWSDAAAAFAGLSREEALRLALDDVAALHGPVVRQLWDGTGVVVRWAEDQHSQGGFVVQPPALWQTEKDD
 WTVPYGRIYFAGEHTAYPHGWETAVKSALRAAIKINSRKGPSDTSPEGHASDMEGQGHVHGVAASSPS
 HDLAKEEGSHPPVQGLSLQNTHTTRTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_172374
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F8426
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_172374.1</u>
RefSeq Size:	2359 bp
RefSeq ORF:	1770 bp
Locus ID:	259307
UniProt ID:	<u>Q96RQ9</u>
Cytogenetics:	19q13.33
MW:	65.4 kDa