

Product datasheet for **RC210310A1V**

Human IL4I1 (NM_152899) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IL4I1 (NM_152899) 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:

>RC210310 representing NM_152899
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCCCATTGGCCCTGCACCTCCTCGTCCTCGTCCCCATCCTCCTCAGCCTGGTGGCCTCCCAGGACT
 GGAAGGCTGAACGCAGCCAAGACCCCTTCGAGAAATGCATGCAGGATCCTGACTATGAGCAGCTGCTCAA
 GGTGGTACCTGGGGCTCAATCGGACCCTGAAGCCCCAGAGGGTGATTGTGGTTGGCGCTGGTGTGGCC
 GGGCTGGTGGCCGCCAAGGTGCTCAGCGATGCTGGACACAAGGTACCATCCTGGAGGCAGATAACAGGA
 TCGGGGGCCGATCTTCACCTACCGGGACCAGAACACGGGCTGGATTGGGGAGCTGGGAGCCATGCGCAT
 GCCCAGCTCTCAGGATCCTCCACAAGCTCTGCCAGGCTGGGGCTCAACCTGACCAAGTTACCCAG
 TACGACAAGAACAGTGGACGGAGGTGCACGAAGTGAAGCTGCGCAACTATGTGGTGGAGAAGGTGCCCC
 AGAAGCTGGGCTACGCTTTCGTCCTCCAGGAAAAGGGCCACTCGCCGAAGACATCTACCAGATGGCTCT
 CAACCAGGCCCTCAAAGACCTCAAGGCACTGGGCTGCAGAAAGGCGATGAAGAAGTTTGAAGGCACACG
 CTCTTGGAATATCTTCTCGGGGAGGGGAACCTGAGCCGGCCGGCGTGACGCTTCTGGGAGACGTGATGT
 CCGAGGATGGCTTCTTATCTCAGCTTCGCCGAGGCCCTCCGGGCCACAGCTGCCTCAGCGACAGACT
 CCAGTACAGCCGATCGTGGGTGGTGGGACCTGCTGCCGCGCGCGCTGCTGAGCTCGCTGTCCGGGCTT
 GTGCTGTTGAACGCGCCCGTGGTGGCGATGACCCAGGGACCGCACGATGTGCACGTGCAGATCGAGACCT
 CTCCCCCGCGCGGAATCTGAAGGTGCTGAAGGCCGACGTGGTGTGCTGACGGCGAGCGGACCGCGGT
 GAAGCGCATCACCTTCTCGCCGCCGTGCCCGCCACATGCAGGAGGCGCTGCGGAGGCTGCACTACGTG
 CCGGCCACCAAGGTGTTCTAAGCTTCCGACGGCCCTTCTGGCGGAGGAGCACATTGAAGCGGCCACT
 CAAACACCGATCGCCGTCGCGCATGATTTTCTACCCGCCGCCGCGGAGGGCGCGCTGCTGCTGGCCTC
 GTACACGTGGTGGACGCGCGCGCAGCGTTTCGCCGCTTGAGCCGGGAAGAGGCGTTGCGCTTGGCGCTC
 GACGACGTGGCGCATTCACAGGCGCTGCTGTCGCCAGCTCTGGGACGCGACCGGCGCTGTCAGCGTT
 GGGCGGAGGACAGCACAGCCAGGGTGGCTTTGTGGTACAGCCGCCGCGCTCTGGCAAACCGAAAAGGA
 TGACTGGACGGTCCCTTATGGCCGATCTACTTTCGCCGCGAGCACACCGCTACCCGACGGCTGGGTG
 GAGACGGCGGTCAAGTCGGCGCTGCGCGCCGCATCAAGATCAACAGCCGGAAGGGGCTGCATCGGACA
 CGGCCAGCCCCGAGGGGACGCATCTGACATGGAGGGGAGGGGATGTGCATGGGTGGCCAGCAGCCC
 CTCGATGACCTGGCAAAGGAAGAAGGCAGCCACCCTCCAGTCCAAGGCCAGTTATCTCTCCAAACACG
 ACCACACGAGGACCTCGCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAPLALHLLVLPILLSLVASQDWKAERSQDPFEKCMQDPDYEQLLKVVWGLNRTLKPQRVIVVGAGVA
 GLVAAKVLSDAGHKVTILEADNRIGGRIFTYRDQNTGWIGELGAMRMPSSHRILHKLQGLGLNLTKFTQ
 YDKNTWTEVHEVKLRNYVVEKVPEKLGALRPQEKGHSPEDIYQMALNQALKDLKALGCRKAMKKFERHT
 LLEYLLGEGNLSRPAVQLLDVMSDEGFFYLSFAEALRAHSCLSDRLQYSRIVGGWDLPRALLSSLSGL
 VLLNAPVVAMTQGPVDVHVQIETSPARNLKVLRKADVLLTASGPAVKRITFSPPLPRHMQEALRRLHYV
 PATKVFLSFRPFWREEHIEGHSNDRPSRMIFYPPPREGALLASYTWSDAAGFAAGLSREEALRLAL
 DDVAALHGPVVRQLWDGTGVVVRWAEDQHSQGGFVVQPPALWQTEKDDWTVPYGRIYFAGEHTAYPHGWV
 ETAVKSALRAAIKINSRKGPASDTASPEGHASDMEGQGHVHGVAASSPSHDLAKEEGSHPPVQGLSLQNT
 THTRTSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_152899
ORF Size:	1701 bp
Buffer:	PBS with 0.001% Pluronic F6568
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_152899.1</u>
RefSeq Size:	1798 bp
RefSeq ORF:	1704 bp
Locus ID:	259307
UniProt ID:	<u>Q96RQ9</u>
Cytogenetics:	19q13.33
MW:	60.7 kDa