

Product datasheet for **RC203786A1V**

Human OLFM2 (NM_058164) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OLFM2 (NM_058164) AAV Particle
Tag:	Myc-DDK
Symbol:	OLFM2
Synonyms:	NOE2; NOELIN2; NOELIN2_V1; OlfC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203786 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGCCGCTCACGGTCCC GCCCGCTGCTGCTGTGCTCAGGCCTGGCCGGACAGACTCTCT
 TCCAGAACCAGAAAGAGGGCTGGCAGCTGTACACCTCAGCCCAGGCCCTGACGGGAAATGCATCTGCAC
 GGCCGTGATCCCAGCGCAGAGTACCTGTCTCGAGATGGCAGGAGTCGGGAGCTGCGGCAACTGATGGAG
 AAGGTCCAGAACGTCTCCAGTCCATGGAGTCTTGAGTTGCGGACGTATCGCGACCTCCAGTATGTAC
 GCGGCATGGAGACCTCATGCGGAGCTGGATGCGCGGCTCCGGGCAGCTGATGGGTCCCTCTCGGCCAA
 GAGCTTCCAGGAGCTGAAGGACAGGATGACGGAAGTGTGCCCTGAGCTCGGTCTGGAGCAGTACAAG
 GCAGACACGCGGACCATTGTACGCTTGC GGAGGAGGTGAGGAATCTCTCGGCAGTCTGGCGGCCATTC
 AGGAGGAGATGGGTGCCTACGGGTATGAGGACCTGCAGCAACGGGTGATGGCCCTGGAGGCCCGGCTCCA
 CGCTGCGCCCAGAAGCTGGGCTGTGGGAAGCTGACCGGGGTGAGTAACCCCATACCGTTCGGGCCATG
 GGGTCCCGCTTCGGCTCCTGGATGACTGACACGATGGCCCCAGTGGGATAGCCGGGTCTGGTACATGG
 ATGGCTATTACAAAGGCCGCGGGTCTGGAGTTCCTGACCTGGGAGACTTCATCAAAGGCCAGAACTT
 TATCCAGCACCTGCTGCCCCAGCCGTGGGCGGGCACGGCCACGTGGTGTACAACGGCTCCCTGTTCTAT
 AACAAGTACCAGACAACTGGTGGTCAATACCACCTCCGCTCGCGCTCTGTGCTGGTGCAGAGGAGCC
 TCCCGGGCGCCGGTTACAACAACACCTTCCCCTACTCCTGGGGCGGCTTCTCCGACATGGACTTCATGGT
 GGACGAGAGCGGGCTCTGGGCTGTGTACACCACCAACCAGAACGCGGGCAACATCGTGGTCAAGCGGCTG
 GACCCGCACACCTCGAGGTATGCGGTCTGGGACACCGGCTACCCAAAGCGCAGCGCTGGCGAGGCTT
 TCATGATCTGCGGTGTGCTCTACGTGACCAACTCCCACCTGGCTGGGGCCAAGGTCTACTTCGCCTATTT
 TACCAACACGTTACGAGTACACGACGAGTGCCTTCCACAACAGTATTCCACATCTCGATGCTG
 GATTACAAACCCCGGGAGCGCGCCCTCTATACCTGGAACAACGGCCACCAGGTGCTCTACAATGTACCC
 TGTTTCAGTCATCAGCACCTCTGGGGACCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203786 protein sequence
 Red=Cloning site Green=Tags(s)

MWPLTVPPPLLLLLCSGLAQTLFQNPEEGWQLY TSAQAPDGKICTAVIPAQSTCSRDRSRELRLQME
 KVQNVQSMEVLELR TYRDLQYVRGMETLMRSLDARLRAADGSLSAKSFQELKDRMTELLPLSSVLEQYK
 ADTRTIVRLREEVRNLSGSLAAIQEEMGAYGYEDLQQRVMALEARLHACAQKLGCGKLTGVSNPITVRAM
 GSRFGSWMTDTMAPSADSRVWYMDGYKGRVLEFRTLGDFFIKGQNF IQHLLPQPWAGTGHHVYNGSLFY
 NKYQSNVVVKYHFRSRSVLVQRSLPGAGYNNTFPYSWGGFSDMDFMVDESGLWAVYTTNQNAGNIVVSRL
 DPHTLEVMSWDTGYPKRSAGEAFMICGVLYVTNSHLAGAKVYFAYFTNTSSYEYTDVPFHNQYSHISML
 DYNPRERALYWNNGHQVLYNVTLFHVISTSGDP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_058164

ORF Size:

1362 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_058164.1</u>
RefSeq Size:	1899 bp
RefSeq ORF:	1365 bp
Locus ID:	93145
UniProt ID:	<u>O95897</u>
Cytogenetics:	19p13.2
MW:	51.4 kDa