

Product datasheet for **RC225901A1V**

Human LEPREL1 (P3H2) (NM_001134418) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	LEPREL1
Synonyms:	LEPREL1; MCVD; MLAT4
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225901 representing NM_001134418
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAAATGCAGCAGAACATTGAGAATTACAGGGCGACAGCTGGTGTGAAGCATTGCAGTTGGTAGACA
 GAGAAGCCAAGCCACACATGGAGAGTTACAATGCAGGAGTTAAACATTATGAGGCTGATGACTTTGAGAT
 GGCTATCAGGCACTTCGAACAAGCCTTAAGAGAATATTTCTGTTGAAGATACAGAATGCCGGACCCTATGT
 GAGGGGCTCAGAGATTGAAGAATATGAGTATTTAGGGTATAAGGCTGGTCTGTATGAAGCTATTGCAG
 ATCACTACATGCAGGTGCTTGTTCAGCATGAATGTGTGAGGGAACCTGCCACCCGCCCTGGCCGCCT
 CTCTCCCATCGAGAATTTCTTCCCTGCACTATGATTACCTACAGTTTGCCTACTATCGAGTTGGTGAG
 TATGTGAAAGCCCTGGAGTGTGCCAAAGCCTATCTTCTATGCCATCCAGATGATGAGGATGTCCTAGACA
 ATGTGGATTACTATGAGAGTCTGCTGGATGATAGCATTGACCCGGCATCCATTGAGGCCAGAGAGGATTT
 AACAAATGTTTGTGAAACGTCATAAGCTGGAGTCTGAGCTGATAAAATCAGCTGCAGAAGGTCTGGGGTTT
 TCATACACTGAACCGAATTATTGGATCAGATATGGAGGACGACAGGATGAGAATCGGGTCCCTTCAGGAG
 TGAACGTAGAGGGAGCAGAAGTTTATGGATTCTCAATGGGAAAAAGCTATCACCCAAGATAGATCGAGA
 CCTAAGAGAAGGTGGTCTCTACTCTATGAGAACATCACATTCGCTACAACCTCGGAGCAGCTGAACGGG
 ACTCAGCGGGTTCCTGGATAACGTCCTGTGGAAGAAGCTGCCGGGAGCTCCACAGCGTGCCAGTG
 GAATCATGCTTGTGGTATGGATACAGAGGAAAAAATTCACCCCATACACCCAATGAAAAGTTTGAAGG
 TGCAACTGTCTGAAAGCACTCAAATCTGGTTATGAAGGTCGAGTCCCACTGAAGAGCGCTCGTCTGTTT
 TATGACATCAGCGAAAAGGCTCGAAGGATTGTAGAATCTTATTTTATGCTGAACCTCAACTCTGTATTTT
 CCTATACACATGGTCTGCCGAACAGCCCTGTCTGGTCAGCAGGATAGAAGAAATGACCTCAGTCATCC
 CATCCATGCTGACAACTGTTTGTGGATCCAGAGGCCAACGAATGCTGGAAGGAGCCTCCTGCTTACACA
 TTTTCGAGACTATAGTGCTCTCTATATGAATGATGACTTTGAAGGAGGAGAATTCATATTCACAGAGA
 TGGATGCTAAGACTGTGACTGCCTCTATAAAACCAAAATGTGGGCGCATGATCAGCTTCTCATCTGGAGG
 AGAGAACCCCTCATGGGGTGAAGGCAGTCACCAAGGGAAGAGGTGTGCTGTGGCTCTGTGGTTACCTTG
 GACCCACTTTATAGAGAATTGGAGCGAATACAGGCTGATGAAGTGATTGCAATTCTGGATCAAGAACAGC
 AAGGGAAGCATGAAGTGAATATCAACCCTAAAGATGAGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MEMQQNIENYRATAGVEALQLVDREAKPHMESYNAGVKHYEADDFEMAIRHFEQALREYFVEDTECRTLC
 EGPQRFEEYEYLYGKAGLYEAIADHYMQVLVCQHECVRELATRPGRLSPIENFLPLHYDYLFQFAYYRVGE
 YVKALECAKAYLLCHPDDEDVLDNDVYYESLLDDSIDPASIEAREDLTMFVKRHKLESELKSAAEGLGF
 SYTEPNYWIRYGGQDENRVP SGVNVGEAEVHGF SMGKKLSPKIDRLREGGPLLYENITFVYNSEQLNG
 TQRLVLDNVLSEEQCRELHVSAGIMLVGDGYRGKTSPTHPNEKFEGATVLKALKSGYEGRVPLKSARLF
 YDISEKARRIVESYFMLNSTLYFSYTHMVCRTALSGQQDRRNDLSHPHADNCLLDPEANECWKEPPAYT
 FRDYSALLYMDDFEGGEFIFTEMDAKTVTASIKPKCGRMISFSSGGENPHGVKAVTKGKRCALWFTL
 DPLYRELERIQADEVIAILDQEQQGHKELNINPKDEL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001134418
ORF Size: 1581 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:	NM_001134418.1 , NP_001127890.1
RefSeq Size:	3082 bp
RefSeq ORF:	1584 bp
Locus ID:	55214
UniProt ID:	Q8IVL5
Cytogenetics:	3q28
MW:	60.4 kDa