

Product datasheet for **RC226949A1V**

Human Perilipin-1 (PLIN1) (NM_001145311) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Perilipin-1 (PLIN1) (NM_001145311) AAV Particle
Tag:	Myc-DDK
Symbol:	Perilipin-1
Synonyms:	FPLD4; PERI; PLIN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC226949 representing NM_001145311
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGTCAACAAAGGCTCACCTTGCTGGATGGAGACCTCCCTGAGCAGGAGAATGTGCTGCAGCGGG
 TCCTGCAGCTGCCGGTGGTGAAGTGGACCTGCGAATGCTTCCAGAAGACCTACACCAGCACTAAGGAAGC
 CCACCCACTGGTGGCCTCTGTGTGCAATGCCTATGAGAAGGGCGTGCAGAGCGCCAGTAGCTTGGCTGCC
 TGGAGCATGGAGCCGGTGGTCCGACGGCTGTCCACCCAGTTACAGCTGCCAATGAGCTGGCCTGCCGAG
 GCTTGGACCACCTGGAGGAAAAGATCCCCGCCCTCCAGTACCCCTGAAAAGATTGCTTCTGAGCTGAA
 GGACACCATCTCCACCCGCTCCGAGTGCCAGAAACAGCATCAGCGTTCCTATCGCGAGCACTTCAGAC
 AAGTCTCTGGGGCGCTTTGGCCGGTGGAGCTTGCCTGGGGGGTGGCCAGAGACACTGCGGAATTTG
 CTGCCAACTCGAGCTGGCCGACTGGCTTCTGGAGGGGCGACTTGGCCTTGGGCAGCATTGAGAAGGT
 GGTGGAGTACCTCCTCCCTGCAGACAAGGAAGAGTCAGCCCTGCTCCTGGACACCAGCAAGCCAGGAG
 TCTCCCAAGGCCAAGCCAAGCCTCTTGAGCAGGGTTGGGGCTCTGACCAACACCTCTCTCGATACACCG
 TGCAGACCATGGCCCGGGCCCTGGAGCAGGGCCACACAGTGGCCATGTGGATCCAGGCGTGGTGCCCT
 GAGCAGCTGGCCAGTGGGGTGCCTCAGTGGCCATGCAGGCGGTGTCCCGCGGAGGAGCGAAGTGC GG
 GTACCTGGCTGCACAGCTCGCAGCCGCCAGGAGGAGTATGAGGACCAGACAGACACGGAGGGAG
 AGGACACGAGGAGGAGGAAGAATTGGAGACTGAGGAGAACAAGTTCAGTGAGGTAGCAGCCCTGCCAGG
 CCCTCGAGGCCCTCTGGTGGTGTGGCAGATACCCTGCAGAAGACCTCCAGACCACCATCTCGGCTGTG
 ACATGGGACCTGCAGCTGTGCTGGGCATGGCAGGGAGGGTGTGCACCTCACACCAGCCCCGCTGTCT
 CCTCAACCAAGGGGAGGGCCATGTCCCTATCAGATGCCCTGAAGGGCGTTACTGACAACGTGGTGGACAC
 AGTGGTGCAATTACGTGCCGCTCCCGAGGCTGTGCTGATGGAGCCCGAGAGCGAATTCGGGACATCGAC
 AACCCACAGCCGAGGTGAGCGCCGGGAGGCGGAGCGAGCGTCTGGGGCGCCGTCCGCCGGCCCGG
 AGCCCCCGCCGCTCTCGCACAGCCCCGCCGAGCCTGCGCAGCGCGCAGAGCCCCGGCGCGCCCCCGG
 CCCGGGCTGGAGGACGAAGTCGCCACGCCCGCAGCGCCGCGCCGGGCTTCCCGGCGTGGCCCGCAG
 AAGCCAAAGCGCAGGGTCAGCGACAGCTTCTCCGGCCAGCGTCATGGAGCCCATCTGGGCCGACGC
 ATTACGCCAGCTGCGCAAGAAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226949 representing NM_001145311
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MAVNGKLTLLDGDLPQENVLQVRVQLPVVSGTCECFQKTYTSTKEAHLVASVCNAYEKGVSASSLAA
 WSMEPVVRRLLSTQFTAANELACRGLDHLEEKIPALQYPPEKIASLKDITSTRLSARNSISVPIASTSD
 KVLGAALAGCELAWGVARDTAEFAANTRAGRLASGGADLALGSIEKVVEYLLPADKEESAPAPGHQQAQE
 SPKAKPSLLSRVGALTNTLSRYTVQTMARALEQGHVAMWIPGVVPLSSLAQWGASVAMQAVSRRRSEVR
 VPWLHSLAAAQEEEDHEDQTDTEGEDTEEEEELETEENKFSEVAALPGPRLLGGVAHTLQKTLQTTISAV
 TWAPAAVLGMAGRVLHLTPAPVSSSTGRAMSLSDALKGVTDNVVDTVVHYVPLPRLSLMEPESEFRDID
 NPPAEVERREAERRASGAPSEPAAPRLAQPRRSLRSAQSPGAPPGLEDEVATPAAPRPGFPAVPRE
 KPKRRVSDSFFRPSVMEPIILGRTHYSQLRKKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001145311

ORF Size:

1566 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_001145311.1, NP_001138783.1</u>
RefSeq ORF:	1569 bp
Locus ID:	5346
UniProt ID:	<u>O60240</u>
Cytogenetics:	15q26.1
MW:	55.8 kDa