

Product datasheet for **RC228552A1V**

Human DDHD2 (NM_001164232) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DDHD2 (NM_001164232) AAV Particle
Tag:	Myc-DDK
Symbol:	DDHD2
Synonyms:	iPLA(1)gamma; iPLA1gamma; SAMWD1; SPG54
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228552 representing NM_001164232
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCATCAGTGCAGTCACAACAGGAGCAGTTGTCCAGTCAGATCCATCTCCGTCACCAAACATCATGTA
 GTTCCTTTGAGCTAATAGACATGGATGCTGGCAGCTTGTATGAACCAAGTTTCTCCCCATTGGTTTTATTG
 TAAGATAATAGATTCTAAGGAGACATGGATTCTTTCAACTCTGAGGATTCACAGCAGCTGGAAGAGGCA
 TATAGCTCTGGAAAAGGTTGTAATGGGAGAGTTGTTCTACTGATGGGGCAGATATGATGTTTCATTTGG
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 TTGTACAGTGTGTTAATGATTTTCGCAGTGTTCCTTGAACCTGCTACAGACACATTTTAAAGAAAGCCCA
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 TCACCTTTTGTATCTGTGGCTATAGGATTGAACCAATGGTGGTCCCAGGAGTGAATTTGAGCCAATG
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 TGGACCTTAAGAACAACTTGCTAGGTTTCGCTGCGGATGGCCTGGAAGTCTTTTACCAGAGCTCCATACCC
 TGCCTTACAAGCTTCAGAAACACCAGAAGAACTGAAGCAGAACCTGAATCAACTTCAGAGAAGCCTAGT
 GATGTTAACACAGAAGAGACCTCTGTGGCAGTTAAAGAAGAAGTCTGCCTATCAATGTGGGGATGCTGA
 ATGGAGGCCAACGCATTGACTATGTGCTACAGGAGAAGCCTATTGAAAGTTTTAATGAGTATTTATTTGC
 TTTACAAAGCCATCTATGCTACTGGAGTCTGAAGATACAGTATTGCTCGTCCTCAAAGAGATCTACCAA
 ACCCAGGGTATCTTCTTGATCAGCCTTTACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC228552 representing NM_001164232 Red=Cloning site Green=Tags(s) MSSVQSQQEQLSQSDPSPSPNSCSSLIDMDAGSLYEPVSPHWFYCKIIDSKETWIPFNSEDSQQLEEA YSSGKGCGNCRVPTDGGRYDVHLGERMRYAVYWDELASEVRRCTWFYKGDKNKYVPYSEFSQVLEETY MLAVTLDEWKKKLESPNREIIILHNPKLMVHYQPVAGSDDWGSTPTEQGRPRTVKGVENISVDIHCSEP LQIDHLVFVHGIGPACDLRFRSIVQCYNDFRSVSLNLLQTHFKKAQENQQIGRVEFLPVNWHSPHSTG VDVDLQRITLPSINRLRHFTNDTILDVFFYNSTPYCQTIVDTVASEMNRIYTLFLQRNPDFKGGVSIAGH SLGSLILFDILTQKDSLGDIDSEKDSLNIVMQGDPTLEEDLKKLQLSEFFDIFEKEKVDKEALALCT DRDLQEIGIPLGPRKKILNYFSTRKNSMGIKRPAPQPASGANIPKESEFCSSSNTRNGDYLDVGIGQVSV KYPRLIYKPEIFFAFGSPIGMFLTVRGLKRIDPNYRFTCKGFFNIYHPFDPVAYRIEPMVVPGEFEP LIPHHKGRKRMHLELREGLTRMSMDLKNLLGSLRMAWKSFTAPYPALQASETPEETEAPESTSEKPS DVNTEETSVAVKEEVLPIVNGMLNGGQRIDYVLQEKPIESFNEYLFALQSHLCYWESEDTVLLVLKEIYQ TQGIFLDQPLQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001164232
ORF Size:	2133 bp
Buffer:	PBS with 0.001% Pluronic F9490
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_001164232.1, NP_001157704.1</u>
RefSeq ORF:	2136 bp
Locus ID:	23259
UniProt ID:	<u>O94830</u>
Cytogenetics:	8p11.23
MW:	80.9 kDa