

Product datasheet for **RC215178A1V**

Human PSD95 (DLG4) (NM_001365) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PSD95 (DLG4) (NM_001365) AAV Particle
Tag:	Myc-DDK
Symbol:	DLG4
Synonyms:	MRD62; PSD95; SAP-90; SAP90
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC215178 representing NM_001365
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCCAGAGACCAAGAGCTCCAGGTCAGCCCTCTGGCTCCTGGCACCCCCACTGCTGCGGTGGGCAC
 CCCCACCTCTCACAGTGTGCATAGCGACCTCTTCCAGGCCTTGCTGGACATCCTGGACTATTATGAGGC
 TTCCCTCTCAGAGAGTCAGAAATACCGTACCAAGATGAAGACACGCCCCCTCTGGAGCACAGCCCGGCC
 CACCTCCCCAACCCAGGCCAATTCTCCCCAGTGATTGTCAACACAGATACCCTAGAAGCCCCAGGATATG
 AGTTGCAGGTGAACGGGACCGAGGGGAGATGGAATACGAGGAAATCACATTGGAAGGGGTAACCTCAGG
 TCTGGGCTTCAGCATCGCAGGTGGCACTGACAACCCACACATCGGTGACGACCCATCCATTTTCATCACC
 AAGATCATTCTGGTGGGGCTGCGGCCAGGATGGCCGCCTCAGGGTCAACGACAGCATCCTGTTTGTA
 ATGAAGTGGACGTGCGGAGGTGACCCACTCAGCGCGGTGGAAGCCCTCAAAGAGGCAGGCTCCATCGT
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 TAACAAAGATCATCGAAGGGGGTGTGCCACAAAGGATGGGAGGTTGCAGATTGGAGACAAGATCCTGGC
 GGTCAACAGTGTGGGGCTAGAGGACGTGCATGAAGATGCTGTGGCAGCCCTGAAGAACACGTATGAT
 GTTGTCTACCTAAAGGTGGCCAGGCCAGCAATGCCTACCTGAGTGACAGCTATGCTCCCCCAGACATCA
 CAACCTCTTATCCCAGACCTGGACAATGAGATCAGTCACAGCAGCTACCTGGGACCGACTACCCAC
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 CCCCAGAAACCGAGGCGAATTGTGATCCACCGGGGCTCCACGGGCCTGGGCTTCAACATCGTGGGTGGCG
 AGGACGGTGAAGGCATCTTCATCTCCTTATCCTGGCCGGGGCCCTGCAGACCTCAGTGGGAGCTGCG
 GAAGGGGACCGAGATCCTGTGGTCAACGGTGTGGACCTCCGAAATGCCAGCCATGAGCAGGCTGCCATT
 GCCCTGAAGAATGCGGGTCAGACGGTCACGATCATTGCTCAGTATAAACAGAGAGTACAGCCGATTGCG
 AGGCCAAGATCCACGACCTTCGGGAACAGCTCATGAACAGCAGCCTGGGCTCAGGGAAGTGCCTGCG
 GAGCAACCCAAAAGGGTTTCTACATCAGGGCCCTGTTTGATTACGACAAGACCAAGGACTGCGGCTTC
 CTGAGCCAGGCCCTGAGCTTCGCTTTGGGGATGTGCTGCATGTCATCGATGCTAGTGATGAGGAGTGGT
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 TGAGCGACGAGAGTGGTCAAGGTTAAAGGCCAAGGACTGGGGCTCCAGCTCTGGATCGCAGGGTCGAGAA
 GACTCGGTTCTGAGCTACGAGACAGTGACGAGATGGAAGTGCATATGCTCGCCCCATCATCATCCTTG
 GGCCCAACAGGACCGGCCAACGATGATCTTCTCTCCGAGTTCCCGACAAGTTTGGATCCTGTGTTCC
 CCATACGACACGGCCCAAGCGGGAGTATGAGATAGATGGCCGGGATTACCACTTTGTGTCGTCCCGGGAG
 AAAATGGAGAAGGACATTCAGGCGCACAAAGTTCATTGAGGCCGGCCAGTACAACAGCCACCTCTATGGGA
 CCAGCGTCCAGTCCGTGCGAGAGGTGGCAGAGCAGGGGAAGCACTGCATCCTCGATGTCTCGGCCAATGC
 CGTGCGGCGGCTGCAGGCGGCCACCTGCACCCATCGCCATCTTCATCCGCCCCGCTCCCTGGAGAAT
 GTGCTAGAGATTAACAAGCGGATCACAGAGGAGCAAGCCGCAAGCCTTCGACAGAGCCACCAAGCTGG
 AGCAGGAGTTCACAGAGTGCTTCTCAGCCATCGTGGAGGGTGACAGCTTTGAGGAGATCTACCACAAGGT
 GAAGCGTGTCATCGAGGACCTCTCAGGCCCTACATCTGGGTTCCAGCCCGAGAGAGACTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215178 representing NM_001365 Red=Cloning site Green=Tags(s) MSQRPRAPRSALWLLAPLLRWAPLLTVLHSDLFQALLDILDYEEASLSESQKYRYQDEDTPPLEHSPA HLPNQANSPPVIVNTDTLEAPGYELQVNGTEGEMEYEEITLERGNSGLGFSIAGGTDNPHIGDDPSIFIT KIIPGGAAAQDGRRLRVNDSILFVNEVDVREVTHSAAVEALKEAGSIVRLYVMRRKPPAEKVMEIKLIKGP KGLGFSIAGGVGNQHIPGDNSIYVTKIIEGGAHKDGRLLQIGDKILAVNSVGLDVMHEDAVAALKNTYD VYVLKVAKPSNAYLSDSYAPPDITTSYQHLNEISHSSYLGTDYPTAMTPTSPRRYSPVAKDLLGEEDI PREPRRIVHRGSTGLGFNIVGGEDGEGIFISFILAGGPADLSGELRKGDQILSVNGVDLRNASHEQAAI ALKNAGQTVTIIAQYKPEEYSRFEAKIHDLRQLMNSSLGSGTASLRNPKRGFYIRALFDYDKTKDCGF LSQALSFRFGDVLHVIDASDEEWQARRVHSDSETDDIGFIPSKRRVERREWSRLKAKDWGSSSGSQGRE DSVLSYETVTQMEVHYARPIIILGPTKDRANDLLSEFPDKFGSCVPHTTRPKREYEIDGRDYHFVSSRE KMEKDIQAHKFIAGQYNHLYGTSVQSVREVAEQGKHCILDVSANAVRRLQAAHLHPIAIFIRPRLEN VLEINKRITEEQARKAFDRATKLEQEFTECFSAIVEGDSFEEIYHKVKRVIEDLSGPYIWPAPERL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001365
ORF Size:	2301 bp
Buffer:	PBS with 0.001% Pluronic F7335
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_001365.1
RefSeq Size:	3995 bp
RefSeq ORF:	2304 bp
Locus ID:	1742
UniProt ID:	P78352
Cytogenetics:	17p13.1
MW:	85.2 kDa