

Product datasheet for **RC210860A1V**

Human SAP102 (DLG3) (NM_021120) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SAP102 (DLG3) (NM_021120) AAV Particle
Tag:	Myc-DDK
Symbol:	DLG3
Synonyms:	MRX; MRX90; NEDLG; PPP1R82; SAP102; XLMR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210860 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCACAAGCACCAGCACTGCTGTAAGTGCCCTGAGTGCTATGAGGTGACCCGCTGGCCGCCCTGCGGC
 GCCTCGAGCCTCCGGGCTACGGCGACTGGCAAGTCCCCGACCCTTACGGGCCAGGTGGGGGCAACGGCGC
 CAGCGCGGGTTATGGGGCTACAGCTCGCAGACCTTGCCCTCGCAGGCGGGGGCCACCCCCACCCCTCGC
 ACCAAGGCCAAGCTCATCCCCACCGGCCGGGATGTGGGGCCGGTGCCTCCTAAGCCAGTCCCGGGCAAGA
 GCACCCCCAAACTCAACGGCAGCGGCCAGCTGGTGGCCAGAGTGACCTGTACCAACCGGGAGCTGGTA
 TGAGCAGGTGAATGGCAGTGATGGCATGTTCAAATATGAGGAAATCGTACTTGAGAGGGGCAACTCTGGC
 CTGGGCTTCAGTATCGCAGGTGGCATCGACAATCCCCATGTCCCTGATGACCCTGGCATCTTTATTACCA
 AGATTATCCCTGGTGGAGCAGCTGCCATGGATGGGAGGCTGGGGTGAATGACTGTGTGCTGCGGGTGAA
 TGAGGTGGACGTGTCGGAGGTGGTACACAGCCGGCGGTGGAGGCGCTGAAGGAGGCAGGCCCTGTGGTG
 CGATTGGTGGTGGGAGGCGACAGCCTCCACCCGAGACCATCATGGAGGTCAACCTGCTCAAAGGCCCA
 AAGGCCTGGGTTTCAGCATTGCTGGGGTATTGGCAACCAGCACATCCCAGGAGACAACAGCATCTACAT
 CACCAAGATCATTGAGGGGGTGTCTGCTCAGAAGGATGGACGCCTACAGATTGGGGACCGGCTGTGGCG
 GTGAACAACACCAATCTGCAGGATGTGAGGCACGAGGAAGCTGTGGCCTCACTGAAGAACACATCTGATA
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 GAGAGCAAGGTCAGTACCCTGCTCCTCCTCAGGTTCCCCCACCCTACTCTCTATTCCAGGCACA
 TGCTGGCTGAGGAGGACTTCACCAGAGAGCCTCGAAGATCATCTGCACAAAGGCTCCACAGGCCTGGG
 CTTCAACATCGTAGGAGGAGAGGATGGAGAAGGCATTTTGTCTCCTTCATCCTGGCAGGAGGCCAGCT
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 TCTGGGTCTGGTCCCTCCGAACAAGTGAAGAGGTCCTTGTATGTCAGGGCCCTGTTTGATTATGATC
 GGACTCGGGACAGCTGCCTGCCAAGCCAGGGGCTCAGCTTCTCTTATGGTGACATTCTGCATGTCATTAA
 TGCCTCTGATGATGAGTGGTGGCAGGCAAGGCTGGTGACCCACACGGAGAAAGTGAGCAGATCGGTGTG
 ATCCCCAGTAAGAAGAGGCTGGAAAAGAAAGAAAGAGCTCGATTGAAAACGTGAAGTTCCATGCCAGGA
 CGGGGATGATTGAGTCTAACAGGGAATCCCGGGGTTAAGTGACGATTATTATGGAGCAAAGAACCTGAA
 AGGACAAGAGGATGCTATTTTGTATATGAGCCAGTGACACGGCAAGAAATTCATATGCAAGGCCTGTG
 ATCATCTGGGCCCAATGAAGGACCGAGTCAATGATGACCTGATCTCCGAATTTCCACATAAATTTGGAT
 CCTGTGTGCCACATACTACCCGGCTCGACGTGATAATGAGGTGGATGGACAAGACTACCACTTTGTGGT
 GTCCCGAGAACAAATGGAGAAAGATATTCAGGACAACAAGTTCATCGAGGCGGGCCAATTTAATGATAAC
 CTCTATGGGACCAGCATCCAGTCAGTGGGGCAGTTGCAGAGAGGGGCAAGCACTGCATCTTAGATGTTT
 CCGGCAATGCTATCAAGAGACTGCAGCAAGCACAACCTTACCCATTGCCATTTTCATCAAGCCCAAGTC
 CATTGAAGCCCTTATGGAAATGAACCGAAGGCAGACATATGAACAAGCAAATAAGATCTATGACAAAGCC
 ATGAAACTGGAGCAGGAATTTGGAGAGTACTTTACAGCCATTGTACAGGGTGACTCACTGGAAGAGATTT
 ATAACAAAATCAACAAATCATTGAGGACCAGTCTGGGCACTACATTTGGGTCCCATCCCCTGAAAACT
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210860 protein sequence Red=Cloning site Green=Tags(s) MHKHQHCKCPECYEVTRLAALRRLEPPGYGDWQVDPYPYGGGNGASAGYGGYSSQTLPSQAGATPTPR TKAKLIPTGRDVGPPPKPVPKGSTPKLNGSGPSWWPECTCTNRDWEQVNGSDGMFKYEEIVLERGNSG LGFSIAGGIDNPHVPDDPGIFITKIIIPGGAAAMDGRLGVNDCVLRVNEVDVSEVVHRAVEALKEAGPVV RLVVRRRQPPPETIMEVNLLKGPKGLGFSIAGGIGNQHIPGDNISYITKIIIEGGAAQKDGRLLQIGDRLLA VNNTNLQDVRHEEAVASLKNTSDMVYLKVAKPGSLHLNDMYAPPDYASTFTALADNHISHNSSLYLGAV ESKVSYPAPPQVPTRYSPIPRHMLAEEDFTREPRKIIILHKGSTGLGFNIVGGEDGEGIFVSFILAGGPA DLSELRRGDRILSVNGVNLRNATHEQAAAALKRAGQSVTIVAQYRPEEYSRFESKIHDLREQMMNSSMS SGSGSLRTSEKRSLYVRALFDYDRTRDSCPSQGLSFSYGDILHVINASDDEWWQARLVTPHGESEQIGV IPSKKRVEKKERARLKTVKFHARTGMIESNRDFPGLSDDYYGAKNLKGQEDAILSYEPVTRQEIHYARPV IILGPMKDRVNDLISEFPHKFGSCVPHTTRPRRDNEVDGQDYHFVVSREQMEKDIQDNKFIAGQFNDN LYGTSIQSVRAAERGKHCILDVSGNAIKRLQQAQLYPIAIFIKPKSIEALMEMNRRQTYEQANKIYDKA MKLEQEFGEYFTAIVQGDSLEEIYNKIKQIIEDQSGHYIWWPSPEKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021120
ORF Size:	2451 bp
Buffer:	PBS with 0.001% Pluronic F6625
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_021120.1
RefSeq Size:	6032 bp
RefSeq ORF:	2454 bp
Locus ID:	1741
UniProt ID:	Q92796
Cytogenetics:	Xq13.1
MW:	90.3 kDa