

Product datasheet for **RC209307A1V**

Human C3orf39 (POMGNT2) (NM_032806) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human C3orf39 (POMGNT2) (NM_032806) AAV Particle
Tag:	Myc-DDK
Symbol:	POMGNT2
Synonyms:	AGO61; C3orf39; GTDC2; MDDGA8; MDDGC8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209307 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACCTCTCGGCGGTGTTCAACGCCCTCCTGGTGCTGGCAGCGGTCCTGTGGAAGCATGTGC
 GGCTGCGTGAGCATGCAGCCACACTGGAGGAGGAGCTGGCCCTCAGCCGACAGGCCACAGAGCCAGCCCC
 AGCACTGAGGATCGACTACCGAAGGCACTGCAGATCCTGATGGAGGGCGGCACACATGGTGTGCACG
 GGCCGCACGCACAGACCGCATCTGCCGCTTCAAGTGCTCTGCTACTCCAACGAGGCTGAGGAGTTCA
 TCTTCTTCCATGGCAACCTCTGTCTGCTGCCAACCTGGGCTCCCGCGCTTCCAGCCAGCCCTGCT
 CGACCTATCCACCGTGGAGGACCACAACACTCAGTACTTCAACTTCGTGGAGCTGCCTGCTGCTGCCCTG
 CGCTTCATGCCAAGCCGGTGTCTGTCGACAGCTGGCCCTCATCGCAACCGCTTCAACCCGACAACC
 TCATGCACGTCTTTCATGACGACCTGCTGCCACTTTCTACACCTGCGGCAGTTTCCCGCCTGGCCCA
 CGAGGCACGGCTCTTCTCATGGAGGGTGGGCGAGGGTGCACACTTCGACCTCTACAAGCTGCTCAGC
 CCCAAGCAGCCTCTCTGCGGGCACAGCTGAAGACCCTGGGCCGGCTGCTGTGCTTCTCCCATGCTTTTG
 TGGGCCTCTCCAAGATCACTACCTGGTACCAAGTATGGCTTTGTGCAGCCCCAGGGCCCAAGGCCAACAT
 CCTCGTCTCAGGCAATGAGATCCGGCAGTTTGCACGGTTCATGACAGAAAAGTGAACGTGAGCCACACA
 GGAGTCCCCCTAGGCGAGGAGTACATTCTGGTCTTTAGCCGAACCCAGAACAGACTCATTCTGAATGAGG
 CAGAGCTGCTGCTGGCACTGGCCAGGAGTTCAGATGAAGACAGTGACAGTGTCCCTGGAGGACCACAC
 CTTTGTGATGTCTGCGGGTGGTCAGCAATGCCTCCATGCTGGTCAGCATGCATGGGGCCAGCTGGTC
 ACCACCCTCTTCTGCCCCGTGGGGCACTGTGGTAGAGCTCTTCCCATATGCTGTCAATCCCGACCACT
 ACACCTCCCTATAAGACGCTGGCCATGCTGCCTGGCATGGACCTCAGTATGTAGCCTGGCGGAACATGAT
 GCCAGAGAACACAGTCAACACCTGAGCGGCCCTGGGATCAGGGGGGCATCACCCATCTGGACCGGGCT
 GAGCAAGCCCGTATCCTGCAAGCCGTGAGGTCCACGGCATCTCTGTTGCCGGAACCCGAGTGCTCT
 TCCGAATCTACCAGGACCAAGGTGGACATCCATCCCTATTCAAACCATACGGCGCGTGGTGAAGGG
 CCGGCCAGGACCAGGAAGCAGAAGTGGACAGTCCGCTATATCCAGGCAAGGTGCGGGAGGCACGGTGC
 CAGGCGTCAGTGCATGGCGCTCCGAGGCCCGCCTCACTGTCTCTGCGAGATCCCATGGAACCTTAAAT
 ACCTGAAGGTGAGGGAGGTGAAGTACGAGGTGTGGCTGCAGGAGCAGGGGAGAACACCTACGTGCCTTA
 CATCTGGCTCTGCAGAACACACCTTCACTGAGAACATCAAGCCCTTACCACCTACCTGGTGTGGGTC
 CGCTGCATCTTCAACAAGATCCTCTGGGACCCTTGCAGATGTCTGGTGTGCAACACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209307 protein sequence
 Red=Cloning site Green=Tags(s)

MHLSAVFNALLVSVLA AVLWKHVRLREHAATLEELALSRQATEPAPALRIDYPKALQILMEGGTHMVCT
 GRHTDTRICRFKWL CYSNEAE EIFFHGNTSVMLPNLGSRRFPALLDLSTVEDHNTQYFNFVELPAAAL
 RFMPKPVFVPDVALIANRFNPDNLMHV FHDLLPLFYTLRQFPGLAHEARLFFMEGWEGEAFDLYKLLS
 PKQPLLRAQLKTLGRLLCFSHAFVGLSKITTWYQYGFVQPGPKANILVSGNEIRQFARFMTEKLNVSHT
 GVPLGEEYILVFSRTQNRLILNEAELLALAEFQMKTVTVSLEDHTFADVVRVLSNASMLVSMHGAQLV
 TTLFLPRGATVVELFPYAVNPDHYTPYKTLAMLPGMDLQYVAWRNMPENTVTHPERPWDQGGITHLDRA
 EQARILQSREVPRHLCCRNPEWLFRIYQDTKVDIPSLIQTIRRVVKGPRGPRKQKWTVGLYPGKVREAR
 QASVHGASEARLTVSWQIPWNLYLVREVKYEVWLQEQGENTVYPYILALQNHTFTENIKPFTTYLVWV
 RCIFNKILLGPFADVLVCNT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_032806
ORF Size:	1740 bp
Buffer:	PBS with 0.001% Pluronic F6413
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_032806.4</u> , <u>NP_116195.2</u>
RefSeq Size:	2556 bp
RefSeq ORF:	1743 bp
Locus ID:	84892
UniProt ID:	<u>Q8NAT1</u>
Cytogenetics:	3p22.1
MW:	66.6 kDa