

Product datasheet for **RC206171A1V**

Human **POGLUT3 (NM_153705)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POGLUT3 (NM_153705) AAV Particle
Tag:	Myc-DDK
Symbol:	POGLUT3
Synonyms:	KDELC2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206171 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCGCCTCCCGCGGCCCTGCTGCTGCAGCTGCGCCTCGCCCTGCTGGTGGCCGCGGGGGCCCCGG
 AGGTGCTGGTCAGCGCGCCGCGAGCCTGGTGTGGGGGCCGGGCTGCAGGCGGCCGTCCTGCGCGT
 CCGCTATTTCTACCTGCAGGCGGTCAACTCGGAGGGCCAGAACCTCACTCGCTCTCCCGAGGTGAAACA
 CCATTCAAAGTCGTAGTCAAATCTTTTACCTAAAGAGTTGGTCCGGATACATGTCCCTAAACCTTTGG
 ACAGGAATGATGGAACATTTTGGATGAGATATAGGATGTATGAACTGTCGATGAAGGCCTGAAGATAGA
 GGTCTTTATGGTGATGAACATGTGGCTCAGTCTCCCTATATTTTAAAGGACCAAGTGTACCATGAGTAC
 TGTGAGTGTCCGAAGATCCTCAGGCCTGGCAGAAGACTCTTTCTGTCCAACCAAGGAACACAGATTG
 CAAAAGATTTTCTTCTTTCCAGCATCAATCTCCAGCAAATGCTAAAAGAAGTCCCCAAAAGTTTGG
 GGATGAGAGAGGTGCCATTGTTTACACGATTCTCAATAACCATGTTTACCGAGATCTTTAGGGAAA
 TACACAGACTTCAAGATGTTCTCTGATGAGATTTGTTATCATTGACAAGAAAGGTCCTTCTCCAGATT
 TAGAATTTTATGTTAATCTTGGAGATTGGCCCTTGGAGCATCGAAAAGTCAATGGAACCCCTAGCCCCAT
 ACCTATCATTTTATGTTGGCTCTCTGGATTCAAGAGATGTTGTCTTCCAACGTATGACATCACCCAC
 TCCATGCTTGAAGCCATGCGGGGTGTTACAAATGATCTCTCTATTAGGGAAATACAGGGCCTTCTCT
 GGATCAATAAAACAGAGAGAGCTTTCTCAGAGGTAGAGACAGCCTAGAGGAGAGGCTCCAGTTGGTACA
 GCTGTCCAAAGAAAATCCTCAGTACTAGATGCAGGAATTACAGGATATTTCTTTTCCAAGAGAAAGAA
 AAGGAGCTTGGAAAAGCAAGTTGATGGGTTTCTTTGATTCTTTAAGTACAAGTATCAAGTAAATGTGG
 ATGGGACCGTGGCTGCTTACAGATATCCATATCTCATGCTGGGCGACAGTCTGGTTTTAAAGCAGGACTC
 GCCATATTATGAACATTTCTACATGGCACTAGAACCTTGAAGCATTATGTTCCAATTTAAAGAAATCTG
 AGTGATTTATTAGAGAAAGTTAAATGGGCTAAGGAAAATGATGAAGAAGCAAGAAGATTGCAAAAAGAG
 GACAGTTGATGGCTAGGGACCTACTACAGCCACACAGGCTTTACTGCTACTATTACCAAGTACTGCAGAA
 ATATGCCGAGCGCCAGTCCAGCAAACCCGAAGTACGTGATGGAATGGAATTGTTCTCTCAGCCAGAAGAT
 AGCACAGCCATCTGCCAGTGCCACAGGAAAAAGCCTTCAAGAGAAGAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206171 protein sequence
 Red=Cloning site Green=Tags(s)

MRRLPRALLQLRLALLVAAGAPEVLVSAPRSLVWGPGLQAAVVLVPRYFYLQAVNSEGQNLTRSPAGET
 PFKVVVKSLSPKELVRIHVPKPLDRNDGTFMRYRMYETVDEGLKIEVLYGDEHVAQSPYILKGPVYHEY
 CECPEDPQAWQKTLSCPTKEPQIAKDFASFPSINLQQLKEVPKRFGDERGAIVHYTILNNHVYRRSLGK
 YTDKMFSDIILLSLTRKVLDPLEFYVNLGDWPLEHRKVNGTSPSPIIISWCGSLDSRDVVLPTYDITH
 SMLEAMRGVTNDLLSIQNTGPSWINKTERAFFRGRDSLEERLQLVQLSKENPQLLDAGITGYFFQKEKE
 KELGKAKLMGFFDFKYKYQVNVDTVAAYRYPYMLGDLSVLKQDSPYYEHFYMALEPWKHVYPIKRN
 SDLLEKVKWAKENDEEAKKIAKEGQLMARDLLQPHRLCYYYQVLQKYAERQSSKPEVRDGMELVPQPED
 STAICQCHRKKPSREEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_153705

ORF Size:

1521 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_153705.2</u>
RefSeq Size:	4311 bp
RefSeq ORF:	1524 bp
Locus ID:	143888
UniProt ID:	<u>Q7Z4H8</u>
Cytogenetics:	11q22.3
MW:	58.5 kDa