

Product datasheet for **RC201660A1V**

Human **POGLUT2 (NM_024089)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POGLUT2 (NM_024089) AAV Particle
Tag:	Myc-DDK
Symbol:	POGLUT2
Synonyms:	EP58; ERp58; KDEL1; KDEL1C1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201660 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGCACTTTGCTACTTTATTGCTTCTTTCTGGCGACAGTTCCAGCACTCGCCGAGACCGGCGGAG
 AAAGGCAGCTGAGCCCGAGAAGAGCGAAATATGGGGACCCGGGCTAAAAGCAGACGTCGTCCTTCCCGC
 CCGCTATTTCTATATTACGGCAGTGATACATCAGGGAATAAATTCACATCTTCTCCAGGCGAAAAGGTC
 TTCCAGGTGAAAGTCTCAGCACCAGAGGAGCAATTCAGTAGAGTTGGAGTCCAGGTTTTAGACCGAAAAG
 ATGGGTCCTTCATAGTAAGATACAGAATGTATGCAAGCTACAAAAATCTGAAGGTGGAAGTTAAATTCCA
 AGGGCAACATGTGGCCAAATCCCATATATTTTAAAAGGGCCGGTTTACCATGAGAACTGTGACTGTCCT
 CTGCAAGATAGTCAGCCTGGCTACGGGAGATGAAGTGCCTGAAACCATTGCTCAGATTAGAGAGATC
 TGGCACATTTCCCTGCTGTGGATCCAGAAAAGATTGCAGTAGAAATCCAAAAAGATTTGGACAGAGGCA
 GAGCCTATGCTACTACACCTTAAAGGATAACAAGGTTTATATCAAGACTCATGGTGAACATGTAGGTTTT
 AGAATTTTCATGGATGCCATACTACTTTCTTTGACTAGAAAGGTGAAGATGCCAGATGTGGAGCTCTTTG
 TTAATTTGGGAGACTGGCCTTTGGAAAAAAGAAATCCAATTCAAACATCCATCCGATCTTTCTCGGTG
 TGGCTCCACAGATTCAGGATATCGTGATGCCTACGTACGATTTGACTGATTCTGTTCTGGAAACCATG
 GGCCGGTAAGTCTGGATATGATGTCCGTGCAAGCTAACACGGGTCTCCCTGGGAAAGCAAAATTTCCA
 CTGCCGCTCGGAGAGGGCGAGACAGCCGAAAGAGAGACTCGAGCTGGTTAAACTCAGTAGAAAACACCC
 AGAACTCATAGACGCTGCTTTCACCACTTTTTCTTTTAAACAGTAGAAAACCTGTATGGTCCCATT
 GTGAAACATATTTCAATTTTGTATTTCTTCAAGCATAAGTATCAAATAAATATCGATGGCACTGTAGCAG
 CTTATCGCCTGCCATATTTGCTAGTTGGTGACAGTGTTGTGCTGAAGCAGGATTCCATCTACTATGAACA
 TTTTACAAATGAGCTGCAGCCCTGGAACACTACATTCCAGTTAAGAGCAACCTGAGCGATCTGCTAGAA
 AAATCTAAATGGGCGAAAGATCAGGATGAAGAGGCCAAAAAGATAGCAAAAGCAGGACAAGAATTTGCAA
 GAAATAATCTCATGGCGATGACATATTCTGTTATTATTTCAAATTTTCCAGGAATATGCCAATTTACA
 AGTGAGTGAGCCCCAAATCCGAGAGGGCATGAAAGGGTGAACACAGACTGAGGACGACCTCTCCCT
 TGTACTTGCCATAGGAAAAAGACCAAGATGAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201660 protein sequence
 Red=Cloning site Green=Tags(s)

MFGTLLLYCFFLATVPALAETGGERQLSPEKSEIWGPGLKADVLPARYFYIQAVDTSNKFSSPGEKV
 FQVKVSAPEEQFTRVGQVLDKDGSIIVRYRMYASYKNLKEVKFQGGHVAKSPYILKGPVYHENCDCP
 LQDSAOWLREMNCPETIAQIQDLAHFPAVDPEKIAVEIPKRFQGRQSLCHYTLKDNKVYIKTHGEHVG
 RIFMDAILLSLTRKVKMPDVELFVNLDGWPLEKKKSNSNIHPIFSWCGSTDSDIEMPTDYLDTSVLETM
 GRVSLDMMSVQANTGPPWESKNSTAVWRGRDSRKERLELVKLSRKHPELIDAAFTNFFFKHDENLYGPI
 VKHISFFDFFKHKYQINIDGTVAAAYRLPYLLVGDSVVLKQDSIYYEHFYNELQPWKHYIPVKSNSDLLE
 KLKWKADHDEEAKKIAKAGQEFARNNLMGDDIFCYFKLFQEYANLQVSEPQIREGMKRVEPQTEDDLFP
 CTCHRRKTKDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024089

ORF Size:

1506 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_024089.1</u> , <u>NP_076994.1</u>
RefSeq Size:	2129 bp
RefSeq ORF:	1509 bp
Locus ID:	79070
UniProt ID:	<u>Q6UW63</u>
Cytogenetics:	13q33.1
MW:	58 kDa