

Product datasheet for **RC223722A1V**

Human GEM (NM_005261) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GEM (NM_005261) AAV Particle
Tag:	Myc-DDK
Symbol:	GEM
Synonyms:	KIR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223722 representing NM_005261 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTCTGAATAATGTCAACATGCGCCAGGGCACTGTGGGCATGCAGCCACAGCAGCAGCGCTGGAGCA
TCCCAGCTGATGGCAGGCATCTGATGGTCCAGAAAGAGCCCCACCACTACAGCCACCGCAACCGCCATTC
TGCTACCCCTGAGGACCACTGCCGCCGAAGCTGGTCTCTGACTCCACAGACTCAGTCATCTCCTCTGAG
TCAGGGAACACCTACTACCGAGTGGTGTCTCATAGGGGAGCAGGGGGTGGGCAAGTCCACTCTGGCCAACA
TCTTTGCAGGTGTGCATGACAGCATGGACAGCGACTGCGAGGTGCTGGGAGAAGATACATATGAACGAAC
CCTGATGGTTGATGGGGAAAGTGCAACGATTATACTCCTGGATATGTGGGAAAAAAGGGGGAAAAATGAA
TGGCTCCATGACCACTGCATGCAGGTCGGGGACGCATACCTGATTGTCTACTCAATCACAGACCGAGCGA
GCTTCGAGAAGGCATCTGAGCTGCGAATCCAGCTCCGCAGGGCCCGGCAGACAGAGGACATTCCCATAT
TTTGGTTGGCAACAAAGTGACTTAGTGCGGTGCCGAGAAGTGTCTGTATCAGAAGGGAGAGCCTGTGCA
GTGGTGTCTGACTGCAAGTTCATCGAGACCTCTGCAGCTGTCCAGCACACGTGAAGGAGCTGTTTGAGG
GCATTGTGCGACAGGTGCGCCTTCGGCGGGACAGCAAGGAGAAGAATGAACGGCGGCTGGCCTACCAGAA
AAGGAAGGAGAGCATGCCAGGAAAGCCAGGCGCTTCTGGGGCAAGATCGTGGCCAAAAACAACAAGAAT
ATGGCCTTCAAGCTCAAGTCAAATCCTGCCATGACCTCTCTGTACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC223722 representing NM_005261 Red=Cloning site Green=Tags(s) MTLNNVTMRQGTVGMQPQQQRWSIPADGRHLMVQKEPHQYSHRNRHSATPEDHCRRSWSSDSTDVVISSE SGNTYYRVVLIGEQGVGKSTLANIFAGVHDSMDSDCEVLGEDTYERTLMVDGESATIILLDMWENKGENE WLHDHCMQVGDAYLIVYSITDRASFEEKASELRQLRRARQTEDIPIILVGNKSDLVRCREVSVSEGRACA VVFDCFIETSAAVQHNVKELFEGIVRQVRLRRDSKEKNERRLAYQKRKESMPRKARRFWGKIVAKNNKN MAFKLKSKSCHDLSVL* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005261
ORF Size:	888 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:	NM_005261.2
RefSeq Size:	2205 bp
RefSeq ORF:	891 bp
Locus ID:	2669
UniProt ID:	P55040
Cytogenetics:	8q22.1
MW:	33.8 kDa