

Product datasheet for **MR214789A1V**

Mouse **Pga5** (NM_021453) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pga5 (NM_021453) AAV Particle
Tag:	Myc-DDK
Symbol:	Pga5
Synonyms:	1110035E17Rik; Pepf
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR214789 representing NM_021453 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGTGGCTCTGGGCTCTGGGCTTGTGGCCCTCTCAGAGTGCTTGGTCAAAATCCCTCTGATGAAGA
TTAAGTCCATGCGTGAAAACCTGCGGGAAGCAAGTGCTGAAGGATTACCTGGAGAAGTACCCTCGAAG
CCGTGCCACGTGCTTCTTGAGCAGCGCCGGAACCCAGCCGTAACCTATGAGCCTATGAGGAACCTACCTA
GACCTGGTCTACATTGGCATCATCAGCATTGGCAGCCCCCTCAGGAGTTCAGGGTTGTCTTGGATACTG
GATCTTCAGTCCTGTGGGTACCATCCATCTATTGCTCCAGCCAGCCTGCGCTCACCACAAAGCCTTCAA
CCCGCTTCGGTCTTCCACTTTCCTGGTCTCAGGCCGACCTGTGAATGTTGCCTATGGCTCAGGAGAGATG
TCCGGATTTCTTGCTATGACTGTGAGGATTGGGGACCTCACGGTTGTGGCCAGGCCTTTGGCTGA
GCCTGGAAGAACCTGGCATTTCATGGAATATGCTGTCTTTGATGGTATCCTGGGGCTGGGATACCCCAA
CCTTGGCCTTCAGGGAATCACACCCGTCTTTGACAACCTGTGGCTACAAGGCCTCATCCCCAGAATCTC
TTTGCCTTCTACTTGAGCAGCAAGGATGAAAAGGCAGCATGCTGATGCTAGGTGGAGTGGATCCCTCCT
ACTACCATGGAGAGCTTCACTGGGTACCAAGTGTCCAAGCCAGCTACTGGCAATTAGCTGTGGATAGCAT
CTCCATGAATGGGGAGGTCATTGCCTGTGATGGTGGCTGCCAAGGTATTATGGACACAGGACCTCCTTG
CTGACCGGCCCCGAAGCTCCATCGTTAACATCCAGAATCTAATTGGTGCCAAGGCTTCTGGTGACGGCG
AGTACTTCCTCAAGTGTGACACCATCAACACCCCTGCCTGATATTGTCTTACCATCGGCAGTGTTACCTA
CCCAGTGCCAGCAGTGCTACATCCGAAAGGATCGGTACACAATTGCAGGAGCAACTTTGAGGAGGGC
ATGGATGACCCATCAGACCCTGAGATGTGGGTGCTGGGGGATGTCTTCTGAGGCTGTATTTACCGTGT
TTGATCGGGCAAATAACAGGATTGGTCTGGCTCCTGCTGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR214789 representing NM_021453 Red=Cloning site Green=Tags(s) MKWLWVLGLVALSECLVKIPLMKIKSMRENRESQVLKDYLEKYPRSRAHVLLEQRRNPVITYEPMRNYL DLVYIGIISIGTPPQEFRVLDTGSSVLWVPSIYCSPACAHHKAFNPLRSSTFLVSGRPVNVAYGSGEM SGFLAYDTVRIGDLTVVAQAFGLSLEEPGIFMEYAVFDGILGLGYPNLGLQGITPVFDNLWLQGLIPQNL FAFYLSKDEKGSMLMLGGVDPSYYHGELHWVPVSKPSYWQLAVDSISMNGEVIACDGGCQGIMDTGTS LTGPRSSIVNIQNLIGAKASGDGEYFLKCDTINTLPDIVFTIGSVTYPVPASAYIRKDRSHNCRSNFEEG MDDPSDPEMWLGDVFLRLYFTVFD RANNRIGLAPAA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_021453
ORF Size:	1161 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_021453.4</u> , <u>NP_067428.2</u>
RefSeq Size:	1416 bp
RefSeq ORF:	1164 bp
Locus ID:	58803
UniProt ID:	<u>Q9D106</u>
Cytogenetics:	19
MW:	42.8 kDa