

Product datasheet for **RC221207A1V**

Human PTGES2 (NM_025072) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTGES2 (NM_025072) AAV Particle
Tag:	Myc-DDK
Symbol:	PTGES2
Synonyms:	C9orf15; GBF-1; GBF1; mPGES-2; PGES2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC221207 representing NM_025072 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACCCGGCTGCGCGGGTGGTGCGGGCGCTGTGGCCTGGTGGGTGCGCCTTGGCCTGGAGGCTGGGAG
GCCGCCCCAGCCGCTGCTACCCACGCAGAGCCGGGCTGGCTTCGCGGGGGCGGCGGGCGGCCGAGCCC
CGTGGCTGCAGCTCGTAAGGGGAGCCCGCGGCTGCTGGGAGCTGCGGCGCTGGCCTGGGGGAGCCCTG
GGGCTGTACACACGGCGCGGTGGCACCTGCGCGCCAGGACCTCCACGCAGAGCGCTCAGCCGCGCAGC
TCTCCCTGTCCAGCCGCTGCAGCTGACCCTGTACCAAGTACAAGACGTGCCCTTCTGCAGCAAGGTCCG
AGCCTTCTCGACTTCCATGCCCTGCCCTACCAAGTGGTGGAGGTGAACCTGTGCGCAGGGCTGAGATC
AAGTTCTCCTCTACAGAAAGGTGCCATCCTGGTGGCCAGGAAGGAGAAAGCTCGCAACAATAAATG
ACTCCTGTGTCATCATCAGCGCCCTCAAGACCTACCTGGTGTGCGGGCAGCCCTGGAAGAGATCATCAC
CTACTACCCAGCCATGAAGGCTGTGAACGAGCAGGGCAAGGAGGTGACCGAGTTCGGCAATAAGTACTGG
CTCATGCTCAACGAGAAGGAGGCCCAGCAAGTGTATGGTGGGAAGGAGGCCAGGACGGAGGAGATGAAGT
GGCGGCAGTGGGCGGACGACTGGCTGGTGCACCTGATCTCCCCAATGTGTACCGCACGCCACCGAGGC
TCTGGCGTCTTTGACTACATTGTCCGCGAGGGCAAGTTCGGAGCCGTGGAGGGTGCCGTGGCCAAGTAC
ATGGGTGCAGCGCCATGTACCTCATCAGCAAGCGACTCAAGAGCAGGACCGCCTCCAGGACAACGTGC
GCGAGGACCTCTATGAGGCTGCTGACAAGTGGGTGGCTGCTGTGGGCAAGGACCGGCCCTTCATGGGGG
CCAGAAGCCGAATCTCGCTGATTGGCGGTGTATGGCGTGTGCGTGTGATGGAGGGGCTGGATGCATTC
GATGACCTGATGCAGCACACGCACATCCAGCCCTGGTACCTGCGGGTGGAGAGGGCCATCACCGAGGCCT
CCCCAGCGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221207 representing NM_025072 Red=Cloning site Green=Tags(s) MDPAARVVRALWPGGCALAWRLGGRPQPLLPTQSRAGFAGAAGGPPVAAARKGSPRLLGAAALALGGAL GLYHTARWHLRAQDLHAERSAAQLSLSSRLQLTLYQYKTCPFCSKVRAFLDFHALPYQVVEVNPVRRAEI KFSSYRKVPILVAQEGESSQQLNDSSVILSALKTYLVSGQPLEEIIITYYPAMKAVNEQGKEVTEFGNKYW LMLNEKEAQQVYGGKEARTEEMKWRQWADDWL VHLISPNVYRTPTEALASFDYIVREGKFGAVEGAVAKY MGAAAMYLI SKRLKSRHRLQDNVREDLYEAADKWVAAVGKDRPFMGGQKPNLADLAVYGVLRVMEGLDAF DDLMMQHTHIQPWYLRVERAITEASPAH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_025072
ORF Size:	1131 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_025072.4 , NP_079348.1
RefSeq Size:	2120 bp
RefSeq ORF:	1134 bp
Locus ID:	80142
UniProt ID:	Q9H7Z7
Cytogenetics:	9q34.11
MW:	41.8 kDa