

Product datasheet for **MR209322A1V**

Mouse Ptgs1 (NM_008969) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ptgs1 (NM_008969) AAV Particle
Tag:	Myc-DDK
Symbol:	Ptgs1
Synonyms:	COX; Cox-; Cox-1; Cox-3; COX1; Pgh; PGHS-1; Pghs1; PHS 1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209322 representing NM_008969
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCGAAGGAGTCTCTCGTCTGGTTTCCCTGCTGCTGCTCCTGCTGCTGCCGCCGACACCCTCGG
 TCCTGCTCGCAGATCCTGGGGTGCCCTACCAGTCAATCCCTGTTGTTACTATCCGTGCCAGAACCAGGG
 TGTCTGTGTCCGCTTTGGCCTCGACAACCTACCAGTGTGATTGTAATCGCACGGGCTACTAGGCCCAAC
 TGTACCATCCCTGAGATCTGGACCTGGCTTCGGAATTCTCTGCGGCCAGCCCTCGTTACCCATTTC
 TGCTGACACATGGATACTGGCTCTGGGAATTTGTGAATGCCACCTTCATCCGAGAAGTACTCATGCGCT
 GGTACTCACAGTGCAGTCCAACCTATCCCCAGCCCTCCGACCTACAACCTCAGCGCATGACTACATCAGC
 TGGGAGTCCTTCCAATGTGAGCTACTATACTCGCATTCTGCCCTCTGTACCCAAAGACTGCCCCACAC
 CCATGGGGACCAAGGGAAGAAACAGTTACCAGATGTTAGCTTCTGGCCCAACAGCTGCTGCTGAGAAG
 GGAGTTCACTTCTGCCCCAGGGCACCAACATCCTGTTTGCCTCTTTGCACAACACTTCACCCACCAG
 TTCTTCAAGACCTCTGGAAAGATGGGTCTGGCTTTACCAAGGCCTTAGGCCACGGGGTAGACCTTGGCC
 ACATTTATGGAGATAATCTGGAACGACAGTATCACCTGCGGCTCTTCAAGGATGGGAACTTAAGTACCA
 GGTGCTGGACGGAGAGGTGTACCCACCTTCCGTGGAACAGGCGTCCGTGTTGATGCGCTACCCACCAGGT
 GTCCCGCTGAAAGGCAGATGGCTGTGGGCCAGGAGGTGTTGGGTGCTTCCGGGGCTGATGCTCTTCT
 CCACGATCTGGCTTCGTGAACATAACCGCGTGTGCGACCTGCTGAAGGAGGAGCATCCCACGTGGGATGA
 TGAGCAGCTCTCCAGACCACTCGCCTCATCTTATAGGAGAAACCATCAAAATTGTATTGAGGAGTAT
 GTGCAGCACTTGAGTGGCTATTTCTGCAGCTCAAGTTTGACCCGAGCTGCTGTTCCGAGCCAGTTCC
 AATATCGAAACCGCATCGCCATGGAATTTAACCATCTCTATCACTGGCATCCACTCATGCCAACTCCTT
 CCAAGTGGGCTCACAAGAGTACAGCTACGAGCAGTTTTTATTTAACACTTCTATGCTGGTGGACTATGGG
 GTTGAGGCACTGGTGGATGCCTTCTCTCGCCAGAGGGCTGGCCGATTGGTGGAGGTAGGAACCTTGACT
 ATCATGTTCTGCATGTGGCTGTGGATGTCATCAAGGAGTCCCAGAGATGCGCCTACAGCCCTTCAATGA
 ATACCGAAAGAGGTTTGGCTTGAAGCCTTACACCTCTTCCAGGAGCTCACAGGAGAGAAGGAGATGGCT
 GCTGAGTTGGAGGAGCTGTACGGTGACATCGATGCTTTAGAGTTCTACCCGGGGTTGCTGCTGGAGAAGT
 GCCAGCCCACTCCATCTTGGAGAAAGTATGATAGAGATGGGGGCTCCCTTTCCCTCAAGGGCTCCT
 AGGGAATCCCCTGTTCCCGAGTACTGGAACCCAGCACGTTCCGGTGGTACGTGGGCTTCAACCTT
 GTCAACACAGCCTCACTGAAGAACTGGTCTGCCTCAACACCAAGACCTGCCCTATGTTTCCTTCCGTG
 TGCCAGATTACCCTGGAGATGACGGGTCTGTCTTAGTGAGACGCTCCACTGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MSRRSLSLWFPLLLLLLLPPTPSVLLADPGVPSVNPCCYYPCQNQGVCFGLDNYQCDCTRTGYSGPN
 CTIPEIWTWLRNSLRSPSFTHFLLTHGYWLWEFVNATFIREVLMRLVLTVRNLIPTPTYNASHDYIS
 WESFSNVSYYTRILPSVPKDCPTPMGTGKKQLPDVQLLAQQLLLRREFIPAPQGTNILFAFFAQHFTHQ
 FFKTSGKMGPGFTKALGHGVDLGHYGDNLERQYHLRLFKDGKLYQVLDGEVPPSVEQASVLMRYPPG
 VPPERQMAVGQEVFGLLPGLMLFSTIWLREHNRVCDLLKEEHTWDDEQLFQTTRLILIGETIKIVIEEY
 VQHL SGYFLQLKFDPELLFRAQFYRNRIMEFNHLYHWHPLMPNSFQVGSQEYSYEQFLNNTSMLVDYG
 VEALVDAFSRQRAGRIGGRNFDYHVLHVAVDVIKESREMLQPFNEYRKRFGKPYTSFQELTGEKEMA
 AELEELYGDIDALEFYPLLLLEKCPNSIFGESMIEMGAPFSLKGLLGNPICSPEYWKPFSTFGDVGDFNL
 VNTASLKKLVCLNTKTCFYVSFRVPDYPGDDGSVLVRRSTEL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_008969
ORF Size:	1806 bp
Buffer:	PBS with 0.001% Pluronic F435
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_008969.3</u>
RefSeq Size:	2864 bp
RefSeq ORF:	1809 bp
Locus ID:	19224
UniProt ID:	<u>P22437</u>
Cytogenetics:	2 24.19 cM
MW:	69.5 kDa