

Product datasheet for **MR227684A1V**

Mouse Ptgs2 (NM_011198) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ptgs2 (NM_011198) AAV Particle
Tag:	Myc-DDK
Symbol:	Ptgs2
Synonyms:	COX; Cox-; Cox-2; COX2; gripghs; PES-2; Pgh; PGHS; PGHS-2; Pghs2; PHS; PHS-2; PHS II; Tis; TIS10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR227684 representing NM_011198
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTCTTCCGAGCTGTGCTGCTCTGCGCTGCCCTGGGGCTCAGCCAGGCAGCAAATCCTTGCTGTTCCA
 ATCCATGTCAAAACCGTGGGAATGTATGAGCACAGGATTTGACCAAGTATAAGTGTGACTGTACCCGGAC
 TGGATTCTATGGTGAAGAACTGTACTACACCTGAATTTCTGACAAGAATCAAATTACTGCTGAAGCCACCC
 CCAAACACAGTGCATACATCCTGACCCACTTCAAGGGAGTCTGGAACATTGTGAACAACATCCCCTTCC
 TGCGAAGTTTAATCATGAAATATGTGCTGACATCCAGATCATATTTGATTGACAGTCCACCTACTTACAA
 TGTGCACTATGGTTACAAAGCTGGGAAGCCTTCTCAACCTCTCTACTACACAGGGCCCTTCTCTCC
 GTAGCAGATGACTGCCCACTCCATGGGTGTGAAGGGAATAAGGAGCTTCTGATTCAAAAGAAGTGC
 TGGAAAAGGTTCTTCTACGGAGAGAGTTTATCCCTGACCCCAAGGCTCAAATATGATGTTTGCATTCTT
 TGCCACGACTTCACCCATCAGTTTTTCAAGACAGATCATAAGCGAGGACCTGGGTTACCCGAGGACTG
 GGCCATGGAGTGGACTTAAATCACATTTATGGTGAAACTCTGGACAGACAACATAAACTGCGCCTTTTCA
 AGGATGGAATTTGAAATATCAGGTATTGGTGGAGAGGTGTATCCCCCAGTCAAAGACACTCAGGT
 AGAGATGATCTACCTCCTCACATCCCTGAGAACCTGCAGTTTGTGTGGGGCAGGAAGTCTTGGTCTG
 GTGCTGGTCTGATGATGTATGCCACCATCTGGCTTCGGGAGCACAACAGAGTGTGCGACATACTCAAGC
 AGGAGCATCCTGAGTGGGTGATGAGCAACTATTCAAACAGCAGACTCATACTCATAGGAGAGACTAT
 CAAGATAGTGATCGAAGACTACGTGCAACACCTGAGCGGTTACCACTTCAAACCTCAAGTTTGACCCAGAG
 CTCCTTTTCAACCAGCAGTTCAGTATCAGAACCGATTGCCTCTGAATTCACACACTCTATCACTGGC
 ACCCCCTGCTGCCGACACCTTCAACATTGAAGACCAGGAGTACAGCTTCAAACAGTTTCTCTACAACAA
 CTCCATCCTCCTGGAACATGGACTCACTAGTTTGTGAGTCATTACACAGACAGATTGCTGGCCGGGTT
 GCTGGGGGAAGAAATGTGCCAATTGCTGTACAAGCAGTGGCAAAGGCCTCCATTGACCAGAGCAGAGAGA
 TGAAATACCAGTCTCTCAATGAGTACCGCAAACGCTTCTCCCTGAAGCCGTACACATCATTTGAAGAACT
 TACAGGAGAGAAGGAAATGGCTGCAGAATTGAAAGCCCTCTACAGTGACATCGATGTGATGGAAGTGTAC
 CCTGCCCTGCTGGTGGAAAAACCTCGTCCAGATGCTATCTTTGGGGAGACCATGGTAGAGCTTGGAGCAC
 CATTCTCCTTGAAGGACTTATGGGAAATCCCATCTGTTCTCCTCAATACTGGAAGCCGAGCACCTTTGG
 AGGCGAAGTGGGTTTTAAGATCATCAATACTGCCTCAATTCAGTCTCTCATCTGCAATAATGTGAAGGGG
 TGTCCCTTCACTTCTTCAATGTGCAAGATCCACAGCCTACCAAAACAGCCACCATCAATGCAAGTGCCT
 CCCACTCCAGACTAGATGACATTAACCTACAGTACTAATCAAAGGCGTTCAACTGAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLFRAVLLCAALGLSQAANPCCSNPCQNRGECMSTGFDQYKCDTRTGFYGENCTTPEFLTRIKLLLKPT
 PNTVHYILTHFKGVNIVNNIPFLRSLIMKYVLTSRSLIDSPPTYNVHYGYKSWEAFSNLSYYTRALPP
 VADDCPTPMGVKGNKELPDSKEVLEKVLRRREFIPDPQGSNMMAFFAQHFTHQFFKTDHKRGPGRGL
 GHGVDLNHIYGETLDRQHKLRFLKDGKLYQVIGGEVYPPTVKDTQVEMIYPHIPENLQFVAGQEVFGL
 VPGLMMYATIWLREHNRVCDILKQEHPEWGDQLFQTSRLILIGETIKIVIEDYVQHLSGYHFKLKFDE
 LLFNQQFQYQNRASEFNTLYHWHPLLPDTFNIEDQEYSFKQFLYNNSILLEHGLTQFVESFTRQIAGRV
 AGGRNVPIAVQAVAKASIDQSRMKYQSLNEYRKRFLSKPYTSFEELTGEKEMAAELKALYSIDVMEY
 PALLVEKPRPDAIFGETMVELGAPFLSKGLMGNPICSPQYWKPFSTFGGEVGFKIINTASIQSLICNNVK
 CPFTSFNVQDPQPTKTATINASASHSRLLDINPTVLIKRRSTEL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_011198
ORF Size:	1812 bp
Buffer:	PBS with 0.001% Pluronic F4316
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_011198.3</u>
RefSeq Size:	4150 bp
RefSeq ORF:	1815 bp
Locus ID:	19225
UniProt ID:	<u>Q05769</u>
Cytogenetics:	1 63.84 cM
MW:	69.5 kDa