

Product datasheet for **RC206436A1V**

Human PTGS1 (NM_000962) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTGS1 (NM_000962) AAV Particle
Tag:	Myc-DDK
Symbol:	PTGS1
Synonyms:	COX1; COX3; PCOX1; PES-1; PGG/HS; PGHS-1; PGHS1; PHS1; PTGHS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206436 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCGGAGTCTCTTGCTCCGGTTCTTGCTGTTCTGCTCCTGCTCCCGCCGCTCCCGTCTGCTCG
 CGGACCCAGGGGCGCCACGCCAGTGAATCCCTGTTGTTACTATCCATGCCAGCACCAGGGCATCTGTGT
 CCGCTTCGGCCTTGACCGCTACCACTGTGACTGCAACCGCACGGGCTATTCCGGCCCCAACTGCACCATC
 CCTGGCCTGTGGACCTGGCTCCGGAATCACTGCGGCCAGCCCTCTTTCACCACTTCTGCTCACTC
 ACGGGCGCTGGTTCTGGGAGTTGTCAATGCCACCTTCATCCGAGAGATGCTCATGCGCCTGGTACTCAC
 AGTGGCTCCAACCTTATCCCCAGTCCCCCACCTACAACCTCAGCACATGACTACATCAGCTGGGAGTCT
 TTCTCAACGTGAGCTATTACACTCGTATTCTGCCCTCTGTGCCTAAAGATTGCCCCACACCCATGGGAA
 CCAAAGGAAGAAGCAGTTGCCAGATGCCAGCTCCTGGCCCGCCGCTTCTGCTCAGGAGGAAGTTCAT
 ACCTGACCCCCAAGGCACCAACCTCATGTTTGCCTTCTTGCACAACACTTACCCACCAGTTCTTCAAA
 ACTTCTGGCAAGATGGGTCTGGCTTCACCAAGGCCTTGGGCCATGGGGTAGACCTCGGCCACATTTATG
 GAGACAATCTGGAGCGTCAGTATCAACTGCGGCTCTTTAAGGATGGGAACTCAAGTACCAGGTGCTGGA
 TGGAGAAATGTACCCGCCCTCGGTAGAAGAGGCGCCTGTGTTGATGCACTACCCCGAGGCATCCCGCCC
 CAGAGCCAGATGGCTGTGGGCCAGGAGGTGTTGGGCTGCTTCTGGGCTCATGCTGTATGCCACGCTCT
 GGCTACGTGAGCACAACCGTGTGTGTGACCTGCTGAAGGCTGAGCACCACCTGGGGCGATGAGCAGCT
 TTTCCAGACGACCCGCTCATCTCATAGGGGAGACCATAAGATTGTCATCGAGGAGTACGTGCAGCAG
 CTGAGTGGCTATTTCTGCAGCTGAAATTTGACCCAGAGCTGCTGTTCCGTGTCCAGTTCCAATACCGCA
 ACCGCATTGCCATGGAGTTCAACCATCTCTACCACTGGCACCCTCATGCCTGACTCCTTCAAGGTGGG
 CTTCCAGGAGTACAGCTACGAGCAGTTCTTGTCAACACCTCCATGTTGGTGGACTATGGGGTTGAGGCC
 CTGGTGGATGCCTTCTCTCGCCAGATTGCTGGCCGGATCGGTGGGGCAGGAACATGGACCACCACATCC
 TGCATGTGGCTGTGGATGTATCAGGGAGTCTCGGGAGATGCGGCTGCAGCCCTCAATGAGTACCGCAA
 GAGGTTTGGCATGAAACCCTACACCTCCTCCAGGAGCTCGTAGGAGAGAAGGAGATGGCAGCAGAGTTG
 GAGGAATTGTATGGAGACATTGATGCGTTGGAGTTCTACCCTGGACTGCTTCTTGAAAAGTGCCATCCAA
 ACTCTATCTTTGGGAGAGTATGATAGAGATTGGGGCTCCCTTTCCCTCAAGGGTCTCCTAGGGAATCC
 CATCTGTTCTCCGGAGTACTGGAAGCCGAGCACATTTGGCGGCGAGGTGGGCTTAACTTGTCAAGACG
 GCCACACTGAAGAAGCTGGTCTGCCTCAACACCAAGACCTGTCCCTACGTTTCTTCCGTGTCCCGGATG
 CCAGTCAGGATGATGGGCTGCTGTGGAGCGACCATCCACAGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206436 protein sequence
 Red=Cloning site Green=Tags(s)

MSRSLLLRFLFLLLLPLPVLLADPGAPTPVNPCCYYPCQHQGICVRFGLDRYQCDCTRTGYSGPNCTI
 PGLWTLRNSLRSPSPSFTHFLLTHGRWFEFVNATFIREMLMRLVLTVRNLIIPSPPTYNSAHDYISWES
 FSNVSYTRILPSVPKDCPTPMGTGKQKQLPDAQLLARFLLRRKFIPDPQGTNLMFAFFAQHFTHQFFK
 TSGKMGPFTKALGHGVDLGHYGDNLERQYQLRFLKDGKLYQVLDGEMYPSPVEEAPVLMHYPRGIPP
 QSQMAVGQEVFGLLPGLMLYATLWLREHNRVCDLLKAEHPTWGDEQLFQTTRLILIGETIKIVIEEYVQQ
 LSGYFLQLKFDPELLFGVQFYRNRIAMEFNHLYHWHPLMPDSFKVGSQEYSYEQFLFNTSMLVDYGVEA
 LVDAFSRQIAGRIGGGRNMDHILHVAVDVIRESREMRLQPFNEYRKRFGMKPYTSFQELVGEKEMAAEL
 EELYGDIDALEFYPLLLLEKHPNSIFGESMIEIGAPFSLKGLLGNPICSPEYWKPSTFGGEVGFNIVKT
 ATLKKLVCLNTKTCPYVSFRVPDASQDDGPAVERPSTEL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_000962
ORF Size:	1797 bp
Buffer:	PBS with 0.001% Pluronic F5888
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_000962.2</u>
RefSeq Size:	5045 bp
RefSeq ORF:	1800 bp
Locus ID:	5742
UniProt ID:	<u>P23219</u>
Cytogenetics:	9q33.2
MW:	68.7 kDa