

Product datasheet for **RC211030A1V**

Human PTGIS (NM_000961) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTGIS (NM_000961) AAV Particle
Tag:	Myc-DDK
Symbol:	PTGIS
Synonyms:	CYP8; CYP8A1; PGIS; PTGI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211030 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTGGGCCGCGCTCCTCGGCCTCCTGGCCGACTGTTGCTGCTGCTACTGAGCCGCCGCCGA
 CGCGGCGACCTGGTGAGCCTCCCTGGACCTGGGCAGCATCCCTGGTTGGGGTATGCCTTGGACTTTGG
 AAAAGATGCTGCCAGTTCTCTACGAGGATGAAGGAGAAGCACGGTGACATCTTTACTATACTGTTGGG
 GGCAGGTATGTACCCTTCTCTGGACCCACACTCCTACGACGCGGTGGTGTGGGAGCCTCGCACCAGGC
 TCGACTTCCATGCCTATGCCATTTCTCATGGAGAGGATTTTTGATGTGCAGCTTCCACATTACAGCCC
 CAGTGATGAAAAGGCCAGGATGAAACTGACTTCTCCACAGAGAGCTCCAGGCACTCACAGAAGCCATG
 TATACCAACCTCCATGCAGTGTGTTGGGCGATGCTACAGAAGCAGGCAGTGGCTGGCAGAGATGGGTC
 TCCTCGACTTCTCTACAGTTCCTGCTCAGAGCCGGCTACCTGACTCTTACGGAATTGAGGCGCTGCC
 ACGCACCCATGAAAGCCAGGCCAGGACCGCTCCACTCAGCTGATGTCTCCACACCTTTCGCCAGCTC
 GACCGGTGCTCCCCAACTGGCCCGTGGCTCCCTGTCAGTGGGGGACAAGGACCACATGTGCAGTGTCA
 AAAGTCGCTGTGGAAGCTGCTATCCCCAGCCAGGCTGGCCAGGCGGGCCACCGGAGCAATGGCTGGA
 GAGTTACCTGCTGCACCTGGAGGAGATGGGTGTGTGAGAGGAGATGCAGGCACGGGCCCTGGTGTGCAG
 CTGTGGGCCACACAGGGGAATATGGGTCCCCTGCCTTCTGGCTCCTGCTCTTCTTCTCAAGAATCCTG
 AAGCCCTGGCTGCTGTCCGCGGAGAGCTCGAGAGTATCCTTTGGCAAGCGGAGCAGCCTGTCTCGCAGAC
 GACCACTCTCCACAGAAGGTTCTAGACAGCACACCTGTGCTTGTAGCGTGTGAGTGAGAGCCTCAGG
 CTTACAGCTGCCCCCTCATCACCCGCGAGGTTGGTGGACCTGGCCATGCCATGGCAGACGGGCGAG
 AATTCAACCTGCGACGTGGTGACCGCTCCTCCTTCCCTTCTGAGCCCCAGAGAGACCCAGAAAT
 CTACACAGACCCAGAGGATTTAAATACAACCGATTCTGAACCTGACGGATCAGAGAAGAAAGACTTT
 TACAAGGATGGGAAACGGCTGAAGAATTACAACATGCCCTGGGGGGCGGGGCACAATCACTGCCTGGGGA
 GGAGTTATGCGGTCAACAGCATCAAACAATTTGTGTTCTTGTGCTGGTGCCTTGGACTTGGAGCTGAT
 CAACGCAGATGTGGAGATCCCTGAGTTTACCTCAGCAGGTACGGCTTCGGTCTGATGCAGCCGGAACAC
 GACGTGCCCGTCCGCTACCGCATCCGCCA

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211030 protein sequence
 Red=Cloning site Green=Tags(s)

MAWAALLGLLAALLLLLLRRRTRRPGEPLDLGSIPWLYALDFGKDAASFLTRMKEKHGDIPTILVG
 GRYVTLLDPHSYDAVVWEPRTRLDHFHAYAIFLMERIFDVQLPHYSDEKARMKLTLLHRELQALTEAM
 YTNLHAVLLGDATEAGSGWHEMGLLDFSYSFLLRAGYLTYGIEALPRTHESQAQDRVHSADVHTFRQL
 DRLLPKLARGSLSVGDKDHMCVKSRLWKLSPARLARRAHRKWLSEYLLHLEEMGVSEEMQARALVLQ
 LWATQGNMGPAAFWLLFLLKNPEALAAVRGELESILWQAEQVPSQTTLPQKVLDPVLDVSLSESRLR
 LTAAPFITREVVDLAMPMDGREFNLRDRLLFPFLSPQRDPEIYTDPEVFKYRFLNPDGSEKDF
 YKDGKRLKNYNMPWAGHNLGRSYAVNSIKQFVFLVLVHLDELINADVEIPEFDLSRYGFGLMQPEH
 DVPVRYRIRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000961

ORF Size:

1500 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_000961.3</u>
RefSeq Size:	5603 bp
RefSeq ORF:	1503 bp
Locus ID:	5740
UniProt ID:	<u>Q16647</u>
Cytogenetics:	20q13.13
MW:	57.1 kDa