

Product datasheet for **RC202405A1V**

Human Prostaglandin E Synthase (PTGES) (NM_004878) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Prostaglandin E Synthase (PTGES) (NM_004878) AAV Particle
Tag: Myc-DDK
Symbol: Prostaglandin E Synthase
Synonyms: MGST-IV; MGST1-L1; MGST1L1; MPGES; mPGES-1; PGES; PIG12; PP102; PP1294; TP53112
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC202405 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

```
TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC
```

```
ATGCCTGCCACAGCCTGGTGTAGCAGCCCGGCCCTCCCGCCTTCTGCTCTGCAGCAGCTGCTGG  
TCATCAAGATGTACGTGGTGGCCATCATCACGGCCAAGTGAGGCTGCGGAAGAAGGCCTTTGCCAACCC  
CGAGGATGCCCTGAGACACGGAGGCCCCAGTATTGCAGGAGCGACCCCGACGTGGAACGCTGCCTCAGG  
GCCACCGGAACGACATGGAGACCATCTACCCCTTCTTTTCTGGGCTTCGTCTACTCCTTTCTGGGTC  
CTAACCTTTTGTGCGCTGGATGCATTCTGGTCTTCTCGTGGCCGTGTGGCACACACCGTGGCCTA  
CCTGGGAAGCTGCGGGCACCCATCCGCTCCGTGACCTACACCTGGCCAGCTCCCCTGCGCCTCCATG  
GCTCTGCAGATCCTCTGGGAAGCGGCCGCCACCTG
```

```
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA
```

Protein Sequence: >RC202405 protein sequence
Red=Cloning site Green=Tags(s)

```
MPAHSLVMSPPALPAFLLCSTLLVIKMYVVAIITGQVRLRKKAFANPEDALRHGGPQYCRSDPDVERCLR  
AHRNDMETIYPFLFLGFVYSFLGPNPFVAMHFLVFLVGRVAHTVAYLGLRAPIRSVTYTLAQLPCASM  
ALQILWEAARHL
```

```
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
```

Species: Human
Serotype: AAV-2



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ACCN:	NM_004878
ORF Size:	456 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_004878.3</u>
RefSeq Size:	1787 bp
RefSeq ORF:	459 bp
Locus ID:	9536
UniProt ID:	<u>O14684</u>
Cytogenetics:	9q34.11
MW:	17.1 kDa