

Product datasheet for **RC228235A1V**

Human PTGR1 (NM_001146109) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTGR1 (NM_001146109) AAV Particle
Tag:	Myc-DDK
Symbol:	PTGR1
Synonyms:	DIG-1; LTB4DH; PGR1; ZADH3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228235 representing NM_001146109 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGGTTCGTAAGACATGGACCCTGAAGAAGCACTTTGTTGGCTATCCTACTAATAGTGACTTTGAGT
TGAAGACAGCTGAGCTCCACCCTTAAAAATGGAGAGGTCCTGCTTGAAGCTTTGTTCCCTACCGTGGA
TCCCTACATGAGAGTGGCAGCCAAAAGATTGAAGGAAGGTGATACAATGATGGGGCAGCAAGTGGCCAAA
GTTGTGGAAAGTAAAAATGTAGCCCTACCAAAGGAAGTATTGTACTGGCTTCTCCAGGCTGGACAACGC
ACTCCATTTCTGATGGGAAAGATCTGGAAAAGCTGCTGACAGAGTGGCCAGACACAATACCACCTGTCTTT
GGCTCTGGGGACAGTTGGCATGCCAGGCCTGACTGCCTACTTTGGCCTACTTGAATCTGTGGTGTGAAG
GGTGGAGAAACAGTGATGGTTAATGCAGCAGCTGGAGCTGTGGGCTCAGTCGTGGGGCAGATTGCAAAGC
TCAAGGGCTGCAAAGTTGTTGGAGCAGTAGGGTCTGATGAAAAGGTTGCCTACCTTCAAAGCTTGATT
TGATGTCGCTTTAACTACAAGACGGTAGAGTCTTTGGAAGAAACCTTGAAGAAAGCGTCTCCTGATGGT
TATGATTGTTATTTTGATAATGTAGGTGGAGAGTTTTCAAACACTGTTATCGGCCAGATGAAGAAATTTG
GAAGGATTGCCATATGTGGAGCCATCTACATATAACAGAACCAGCCCACTTCCCCAGGCCACCCCC
AGAGATTGTTATCTATCAGGAGCTTCGCATGGAAGCTTTGTCGCTACCGCTGGCAAGGAGATGCCCGC
CAAAAAGCTCTGAAGACTTGCTGAAATGGGTCTTAGAGATCAAAGAGAAAATGAAGAAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC228235 representing NM_001146109 Red=Cloning site Green=Tags(s)</p> <p>MVRTKTWTLKKHFVGYPTNSDFELKTAELPPLKNGEVLLLEALFLTVDPYMRVAAKRLKEGDTMMGQQVAK VVESKNVALPKGTIVLSPGWTHSISDGKDLEKLLTEWPDTIPLSLALGTVGMPGLTAYFGLLEICGVK GGETVMVNAAGAVGSVVGQIAKLGCKVVGAVGSDEKVAYLQKLGFDVVFNYKTVESLEETLKKASPDG YDCYFDNVGGEFSNTVIGQMKKFGRIAICGAISTYNRTGPLPPGPPPEIVIIYQELRMEAFVVYRWQGDAR QKALKDLLKWLEIKRENEED</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001146109
ORF Size:	903 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_001146109.1</u> , <u>NP_001139581.1</u>
RefSeq ORF:	906 bp
Locus ID:	22949
UniProt ID:	<u>Q14914</u>
Cytogenetics:	9q31.3
MW:	32.7 kDa