

Product datasheet for **RC201926A1V**

Human PIGT (NM_015937) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PIGT (NM_015937) AAV Particle
Tag:	Myc-DDK
Symbol:	PIGT
Synonyms:	CGI-06; MCAHS3; NDAP; PNH2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201926 representing NM_015937
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCGGCTATGCCGCTTGCTCTGCTCGTCTGTTGCTCCTGGGGCCGGCGGCTGGTGCCTTGACAG
 AACCCACGCGACAGCCTGCGGAGGAACCTTGTCATACCCCGCTGCCCTCCGGGACGTAGCCGCCAC
 ATTCCAGTTCGACGCGCTGGGATTCGAGCTTCAGCGGAAGGAGTGTCCATTACAGGCTCTTTCC
 AAAGCCCTGGGCGAGCTGATCTCAAGTATTCTACGGGAGCTGCACCTGTATTACACAAGGCTTTT
 GGAGGACCCGATACTGGGGCCACCCTTCTGCAGGCCCATCAGGTGCAGAGCTGTGGTCTGGTTCCA
 AGACACTGTACTGATGTGGATAAATCTTGAAGGAGCTCAGTAATGCTCTCAGGGATCTTCTGCGCC
 TCTCTCAACTTCAGCTCCACCAACACAGTCACTCCACTGCCTCCTCAAACCCCTGGGTCTGGCCA
 ATGACACTGACCACTACTTTCTGCGCTATGCTGTGCTGCCGCGGAGGTGGTCTGCACCGAAAACCTCAC
 CCCCTGGAAGAAGCTCTTGCCCTGTAGTTCCAAGGCAGGCCTCTCTGTGCTGCTGAAGGCAGATCGTTG
 TTCCACACCAGTACCACTCCCAGGCAGTGCATATCCGCCCTGTTTGCAGAAATGCACGCTGTACTAGCA
 TCTCCTGGGAGCTGAGGCAGACCCTGTCACTTGTATTTGATGCCTTCATACGGGGCAGGAAAGAAAGA
 CTGGTCCCTCTTCCGGATGTTCTCCGAACCTCACGGAGCCCTGCCCTTGGCTTCAGAGAGCCGAGTC
 TATGTGGACATCAACCTACAACAGGACAACGAGACATTAGAGGTGACCCACCCCGACCACTACAT
 ATCAGGACGTATCCTAGGCACTCGGAAGACCTATGCCATCTATGACTTGCTTGACACCGCCATGATCAA
 CAACTCTGAAACCTCAACATCCAGCTCAAGTGAAGAGACCCCGAGAGAATGAGCCCCCAGTGCCC
 TTCTCGCATGCCAGCGGTACGTGAGTGGCTATGGGCTGCAGAAGGGGAGCTGAGCACACTGCTGTACA
 ACACCCACCATACCGGGCTTCCCGGTGCTGCTGGACACCGTACCCTGGTATCTGCGGCTGTATGT
 GCACACCTCACCATCACTCCAAGGGCAAGGAGAACAACCAAGTTACATCCACTACCAGCCTGCCAG
 GACCGGTGCAACCCACCTCCTGGAGATGCTGATTCACTGCGGCCAACTCAGTCACCAAGGTTTCCA
 TCCAGTTTGAGCGGGCGCTGCTGAAGTGGACCGAGTACACACCAGATCCTAACCATGGCTTCTATGTCAG
 CCCATCTGTCTCAGCGCCCTTGTCGCCAGCATGGTAGCAGCAAGCCAGTGGACTGGGAAGAGAGTCCC
 CTCTTCAACAGCCTGTTCCAGTCTCTGATGGCTCTAACTACTTTGTGCGGCTCTACACGGAGCCGCTGC
 TGGTGAACCTGCCGACCGGACTTCAGCATGCCCTACAACGTGATCTGCCTCACGTGCACTGTGGTGGC
 CGTGTGCTACGGCTCCTTCTACAATCTCTACCCGAACCTTCCACATCGAGGAGCCCCGCACAGGTGGC
 CTGGCCAAGCGGCTGGCAACCTTATCCGGCGCGCCGAGGTGTCCCCCACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAAMPLALLVLLLLGPGGWCLAEPDRSLREELVITPLPSGDVAATFQFRTRWDELQREGVSHYRLF
 KALGQLISKYSLRELHLSFTQGFWRTRYWGPFLQAPSGAELWVWFQDTVTDVDSWKELSNVLSGIFCA
 SLNFIDSTNTVPTASFKPLGLANDTDHYFLRYAVLPREVVCTENLTPWKLLPCSSKAGLSVLLKADRL
 FHTSYHSQAVHIRPVCNRARCTISWELRQTLVVFDFAITGQKKDWSLFRMFRTLTPECPLEASESRV
 YVDITTYNQDNETLEVHPPPTTYQDVILGTRKTYAIYDLLDTAMINNSRNLNIQLKWKRPENEAPPVP
 FLHAQRYVSGYGLQKGLSTLLYNTHPYRAFPVLLDTPVWYLRLYVHTLTITSKGKENKPSYIHYQPAQ
 DRLQPHLLEMLIQLPANSVTKVSIQFERALLKWTEYTPDPNHGFYVSPSVLSALVPSMVAAPVDWEESP
 LFNSLFPVSDGSNYFVRLYTEPLLVLNPTPDFSMPYNVICLTCTVVAVCYGSFYNLLTRTFHIEEPRTGG
 LAKRLANLIRRARGVPPL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_015937
ORF Size:	1734 bp
Buffer:	PBS with 0.001% Pluronic F5250
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_015937.3</u>
RefSeq Size:	2228 bp
RefSeq ORF:	1737 bp
Locus ID:	51604
UniProt ID:	<u>Q969N2</u>
Cytogenetics:	20q13.12
MW:	65.7 kDa