

Product datasheet for **RC220783A1V**

Human PGEA1 (CBY1) (NM_015373) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human PGEA1 (CBY1) (NM_015373) AAV Particle
Tag: Myc-DDK
Symbol: PGEA1
Synonyms: arb1; C22orf2; CBY; Chibby1; HS508I15A; PGEA1; PIGEA-14; PIGEA14
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC220783 representing NM_015373
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTTCTTTGGGAATACGTTTCAGTCCGAAGAAGACACCTCCTCGGAAGTCGGCATCTCTCTCCAACC
 TGCATTCTTTGGATCGATCAACCCGGGAGGTGGAGCTGGGCTTGAATACGGATCCCGACTATGAACCT
 GGCAGGGCAAAGCCTGAAGTTTAAAAATGGCCAGTGGATAGCAGAGACAGGGTTAGTGGCGGTGTGGAC
 CGGAGGGAGGTTTCAGCGCCTTCGAGGGGAACCAGCAGTTGGAGGAAGAGAACAATCTTTGCGGCTGA
 AAGTGGACATCTTATTAGACATGCTTTTCAGAGTCCACTGCTGAATCCCACTTAATGGAGAAGGAAGTGA
 TGAAGTGGAGGATCAGCCGGAAGAGAAAA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC220783 representing NM_015373
 Red=Cloning site Green=Tags(s)
 MPFFGNTFSPKKTPPRKSASLSNLHSLDRSTREVELGLEYSPTMNLQSLKFENGQWIAETGVSQGVV
 RREVRQLRRRNQQLLEENNLRLKVDILLDMLSESTAESHLMKELDELRI SRKRK
 S**GP**TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_015373



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ORF Size:	378 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_015373.3</u> , <u>NP_056188.1</u>
RefSeq Size:	1147 bp
RefSeq ORF:	381 bp
Locus ID:	25776
UniProt ID:	<u>Q9Y3M2</u>
Cytogenetics:	22q13.1
MW:	14.3 kDa