

Product datasheet for **RC223042A1V**

Human PGBD1 (NM_032507) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PGBD1 (NM_032507) AAV Particle
Tag:	Myc-DDK
Symbol:	PGBD1
Synonyms:	dj874C20.4; HUCEP-4; SCAND4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223042 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTATGAAGCTTTGCCAGGCCCTGCTCCTGAAAAATGAAGATGGCCTTGTGAAAGTGAAGGAGGAAGATC
 CCACCTGGGAGCAGGTGTGCAACTCACAGGAGGGCAGCTCCACACTCAGGAGATTTGCCGCTGCGCTT
 TCGGCACCTTCTGCTACCAGGAGGCTCACGGACCCAGGAAGCTCTGGCCCAACTCCGAGAACTTTGTCAT
 CAATGGCTGAGACCGGAGATGCACACCAAGGAACAGATAATGGAAGTGTGGTGTGGAGCAGTTCTGTA
 CCATCCTGCCAAGGAGCTCCAGCCCTGTGTGAAGACATATCCTCTGGAGAGTGGAGAGGAGGCAGTGAC
 AGTGCTGGAGAATCTAGAGACAGGAAGTGGAGACACAGGACAACAGGCCCTCTGTCTATATTCAGGGACAG
 GACATGCACCCAATGGTGGCAGAATATCAAGGAGTCTCTTTGGAGTGTGAGAGCCTCCAGCTCCTGCCTG
 GGATAACCACCCTGAAGTGTGAACCTCCACAGCGTCTCAAGGGAACCCCAAGAAGTGAAGTGGGCTGT
 TCCCCACGGATCAGCTCATCTCCAGGAAAAAACCCAGAGACAAGGCTGTAGTGCCTGTGTTAAACCA
 GTCAGGTCCCAGACATTTGGTGAAGACTGAGGAAGAAACAGCCAGGCCGTTGCTCGAGAGAAGTGGTCAC
 ATCTGAGTCTGACTCGGAGGAACCTCTGTGGGAAGTCAAGTCAAGGAGACAGTTATGAGCCTCAGTCCGAT
 GACTGAAGAAATTGTAATAAGATAGATTGTTTAAAGCAAAGCAAGAACTTCTGAAGAAATGGAACAA
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 AGTGAAGTGTCCAAGGCCTCTCATTCTCTGGTCACTCAGATGTGGAAAAAGATAATGAGCCTGAGATCC
 AGCCTGCTCAAAGAAGTTAAAGGTATCATGTTTCCAGAAAAGAGTTGGACAAAAGAGACATTAACCC
 CAATTTTCCAAGCTGGTCAGCACTGGATTCTGGACTTTTGAATCTCAAGAGCGAAAAAGTTGAACCCAGTA
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 GATGCAATCAGAAGGGACAGATTTGAATTGATTTTCTCAACCTGCACCTTGCAGATAATGGCCACCTAG
 ATCAAAAAGATAAGTTTACAAAGTTGAGACCTCTCATAAAACAAATGAATAAAATTTCTCTTGTATGC
 TCCCCTGGAAGAATACTATTGCTTTGATAAGTCAATGTGTGAATGCTTTGATAGTGACCAATTCCTGAAT
 GGAAAGCCTATTAGAATTGGCTATAAAATTTGGTGTGGTACAACCACACAGGGTTATCTGGTTTGGTTT
 AACCTATCAAGAAGAATCAACTATGAAGGTAGATGAGGATCCTGATCTTGGGTTAGGTGAAATCTAGT
 GATGAACCTTCGCTGATGTTCTTTTAGAGAGAGGTCAAGTATCCCTATCACCTGTGTTTGTAGCTCTTT
 ACAAGTGTCAAATTGTTGTCAGCCTTGAAGAAGGGGGTGGGGCAACAGGAACAATTCGTGAGAACA
 GGACCGAAAAATGTCCCCTTATGAATGTAGAACATATGAAAAAATGAAGAGAGGGTATTTTGAATTCG
 AATAGAAGAAAACAAATGAGATAATTTTGTGCTTGGTATGGGATGGCATTATCAGTCTGTGCTCCAAT
 GCTGTGGGCATAGAACCAGTCAATGAGGTAAAGTGTGTGATGCTGATAACGAAGAAATCCCTCAGATAA
 GTCAACCATCCATAGTAAAAGTGTATGATGAATGCAAGGAAGGTGTAGCTAAAATGGATCAAATTATTC
 GAAATACAGGGTGAGGATAAGAAGCAAGAAATGGTACTCAATTTTGGTGAAGTACATGATTGATGTAGCC
 ATGAACAATGCATGGCAACTACACAGAGCCTGTAACCCAGGTGCTTCTCTAGACCCCTTGATTTTCGGA
 GATTTGTTGCACATTTCTACTTGAACACAATGCTCATCTGTCAGAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223042 protein sequence Red=Cloning site Green=Tags(s) MYEALPGPAPENEDGLVKVKEEDPTWEQVCNSQEGSSHTQEICRLRFRHFCYQEAHGPQEALAQRLRELCH QWL RPEMHTKEQIMELLVLEQFLTILPKELQPCVKTYPLESGEEAVTVLENLETGSGDTGQQASVYIQGQ DMHPMVAEYQGVSLQCQLLPGITTLKCEPPQRPQGNPQEVSGPVPHGSAHLQEKNPRDKAVVPVFN VRSQTLVKTEETAQAVAAEKWSHLSTRNLGNSAQETVMSLSPMTEEIVTKDRLFKAQETSEEMEQ SGEASGKPNRECAPQIPCTPIATERTVAHLNTLKDRHPGDLWARMHISSELYAAGDITRGRKKDKARV SELLQGLSFGSDSDVEKDNEPEIQPAQKKLVSCFPEKSWTKRDIKPNFSPWSALDSGLLNKSEKLN ELFELFFDDETFNLIVNETNNYASQKNVSLVTVQEMRCVFGVLLLSGFMHRPPEMYWEVSDTDQNLVR DAIRDRFELIFSNLHFADNGHLDQDKFTKLRLIKQMNKNFLLYAPLEEYCFDKSMCECFDSQFLN GKPIRIGYKIWCSTTTQGYLVWFEPYQEESTMKVDEDPDLGLGGLVMNFADVLLERGQYPYHLCFDSFF TSVKLLSALKKGV RATGTIRENRETEKPLMNVHEMKNMGRGYDFRIEENNEIILCRWYGDGIISLCSN AVGIEPVNEVSCCADNEEIPQISQPSIVKVYDECKEGVAKMDQIISKYRVIRSKKWYSILVSYMIDVA MNNAWQLHRACNPGASLDPLDFRRFVAHFYLEHNAHLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032507
ORF Size:	2427 bp
Buffer:	PBS with 0.001% Pluronic F8600
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:	NM_032507.2 , NP_115896.1
RefSeq Size:	3135 bp
RefSeq ORF:	2430 bp
Locus ID:	84547
UniProt ID:	Q96JS3
Cytogenetics:	6p22.1
MW:	92.5 kDa