

Product datasheet for **RC230508A1V**

Human PGBD1 (NM_001184743) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PGBD1 (NM_001184743) 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:**

>RC230508 representing NM_001184743
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATGAAGCTTTGCCAGGCCCTGCTCCTGAAAAATGAAGATGGCCTTGTGAAAGTGAAGGAGGAAGATC
 CCACCTGGGAGCAGGTGTGCAACTCACAGGAGGGCAGCTCCACACTCAGGAGATTTGCCGCTGCGCTT
 TCGGCACCTTCTGCTACCAGGAGGCTCACGGACCCAGGAAGCTCTGGCCCAACTCCGAGAAGCTTTGTCAT
 CAATGGCTGAGACCGGAGATGCACACCAAGGAACAGATAATGGAAGTGTGGTGTGGAGCAGTTCTCTGA
 CCATCTGCCCCAAGGAGCTCCAGCCCTGTGTGAAGACATATCCTCTGGAGAGTGGAGAGGAGGCAGTGAC
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 AGTGAAGTGTCCAAGGCCTCTCATTCTCTGGTCACTCAGATGTGGAAAAAGATAATGAGCCTGAGATCC
 AGCCTGCTCAAAGAAGTTAAAGGTATCATGTTTCCAGAAAAGAGTTGGACAAAAGAGACATTAACCC
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 GGACCGAAAAATGTCCCCTTATGAATGTAGAACATATGAAAAAATGAAGAGAGGGTATTTTGAATTCGG
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 GCTGTGGGCATAGAACCAGTCAATGAGGTAAAGTGTGTGATGCTGATAACGAAGAAATCCCTCAGATAA
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 GAAATACAGGGTGAGGATAAGAAGCAAGAAATGGTACTCAATTTTGGTGAAGTACATGATTGATGTAGCC
 ATGAACAATGCATGGCAACTACACAGAGCCTGTAACCCAGGTGCTTCTCTAGACCCCTTGATTTTCGGA
 GATTTGTTGCACATTTCTACTTGAACACAATGCTCATCTGTCAGAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC230508 representing NM_001184743 Red=Cloning site Green=Tags(s) MYEALPGPAPENEDGLVKVKEEDPTWEQVCNSQEGSSHTQEICRLRFRHFCYQEAHGPQEALAQRLRELCH QWL RPEMHTKEQIMELLVLEQFLTILPKELQPCVKTYPLESGEEAVTVLENLETGSGDTGQQASVYIQGQ DMHPMVAEYQGVSLQCQLLPGITTLKCEPPQRPQGNPQEVSGPVPHGSAHLQEKNPDKAVVPVFN VRSQTLVKTEETAQAVAAEKWSHLSTRNLGNSAQETVMSLSPMTEEIVTKDRLFKAKQETSEEMEQ SGEASGKPNRECAPQIPCTPIATERTVAHLNLTLDKDRHPGDLWARMHISSEYAAAGDITRKGKDKKARV SELLQGLSFGSDSDVEKDNEPEIQPAQKKLVSCFPEKSWTKRDIKPNFSPWSALDSGLLNKSEKLN ELFELFFDDETFNLIVNETNNYASQKNVSLEVTQEMRCVFGVLLLSGFMHRPPREMYWEVSDTDQNLVR DAIRDRDFELIFSNLHFADNGHLDQKDKFTKLRLIKQMNKNFLLYAPLEEYCFDKSMCECFDSQFLN GKPIRIGYKIWCSTTTQGYLVWFEPYQEESTMKVDEDPDLGLGGLVMNFADVLLERGQYPYHLCFDSFF TSVKLLSALKKKGVRATGTIRENTEKCPMLNVEHMKMKRGYDFRIEENNEIILCRWYGDGIISLCSN AVGIEPVNEVSCCADNEEIPQISQPSIVKVYDECKEGVAKMDQIISKYRVIRSKKWYSILVSYMIDVA MNNAWQLHRACNPGASLDPLDFRRFVAHFYLEHNAHLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001184743
ORF Size:	2427 bp
Buffer:	PBS with 0.001% Pluronic F9859
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_001184743.1, NP_001171672.1</u>
RefSeq Size:	3155 bp
RefSeq ORF:	2430 bp
Locus ID:	84547
UniProt ID:	<u>Q96JS3</u>
Cytogenetics:	6p22.1
MW:	92.5 kDa