

Product datasheet for **RC228572A1V**

Human PYGM (NM_001164716) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PYGM (NM_001164716) AAV Particle
Tag:	Myc-DDK
Symbol:	PYGM
Synonyms:	GSD5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC228572 representing NM_001164716
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTC**CCCGGCCCTGTCAGACCAAGAGAAAAGAAAGCAAATCAGTGTGCGTGGCCTGGCCGGCGTGGAGA**
ACGTGACTGAGCTGAAAAAGAACTTCAACCGGCACCTGCATTTACACTCGTAAAGGACCGCAATGTGGC
CACCCACGAGACTACTACTTTGCTCTGGCCCATACCGTGC**CGCACACCTCGTGGGGCGCTGGATCCGC**
ACGCAGCAGCACTACTATGAGAAGGACCCCAAGAAGATCTCGGGGGCTGGCAGATGGAGGAGGCCGATG
ACTGGCTTCGCTACGGCAACCCCTGGGAGAAGGCCCGCCGAGTTCACGCTACCTGTGCACTTCTACGG
CCATGTGGAGCACACCAGCCAGGGTGCCAAGTGGGTGGACACACAGGTGGTACTGGCCATGCCCTACGAT
ACGCCCCGTGCCTGGCTATCGCAACAATGTTGTCAACACCATGCGCCTCTGGTCTGCCAAGGCTCCCAATG
ACTTCAACCTCAAGGACTTCAATGTCGGTGGCTACATCCAGGCTGTGTTGGACCGAAACCTGGCGGAGAA
CATCTCTCGTGTCTGTACCCCAATGATAATTTCTTGAAGGGAAGGAGCTGCGGCTGAAGCAGGAGTAT
TTCGTGGTGGCTGCCACCTCCAGGACATCATCCGTGCTTCAAGTCTTCCAAGTTCGGCTGCCGTGATC
CCGTGCGCACGAATTCGATGCCTTCCAGATAAGGTGGCCATCCAGCTCAATGACACCCACCCCTCCCT
GGCCATCCCCGAGCTGATGAGGATCCTGGTGGACCTGGAACGGATGGACTGGGACAAGCGTGGGATGTG
ACAGTGAGGACCTGTGCCTACACCAACCACACGGTGTGCCCGAGGCCCTGGAGCGCTGGCCGGTGACCC
TCTTGGAGACGCTGTGCCCGGCACCTCCAGATCATCTACGAGATCAACCAGCGCTTCTCAACCGGGT
GGCGGCCGCATTCCCAGGGGACGTAGACCGGCTGCGCGCATGTGCTGGTGGAGGAGGGCGCAGTGAAG
CGCATCAACATGGCACACCTGTGCATCGCGGGTGCACGCGCTCAACGGCGTGGCGGCATCCACTCCG
AGATCCTCAAGAAGACCATCTTCAAAGACTTCTATGAGCTGGAGCCTCATAAGTTCAGAATAAGACCAA
CGGCATACCCCTCGGCCGTGGCTGGTTCTGTGTAACCCCGGGCTGGCAGAGGTCAATGCTGAGCGCATC
GGGAGGACTTCATCTGTGACCTGGACAGCTGCGCAAACTGCTCTCTTTGTGGATGATGAAGCTTTCA
TTCGGGATGTGGCCAAGTGAAGCAGGAAAACAAGTTGAAGTTTGTGCCTACCTAGAGAGGGAATACAA
AGTCCACATCAACCCCACTCACTCTTCGACATCCAGGTGAAGCGGATTCACGAATATAAACGACAGCTC
CTCAACTGCCTCCATGTCATCACCTGTACAACCGCATCAAGAGGGAGCCCAATAAGTTTTTGTGCCTC
GGACTGTGATGATTGGAGGGAAGGCTGCACCTGGGTACCACATGGCCAAGATGATCATCAGACTCGTCAC
AGCCATCGGGATGTGGTCAACCATGACCGGCAGTGGGTGACCGCCTCCGTGTCATCTTCTGGAGAAC
TACCGAGTCTCACTGGCCGAGAAAGTATCCCAGCTGCAGACCTCTCTGAGCAGATCTCCACTGCGGGCA
CTGAAGCCTCAGGCACCGGCAACATGAAGTTCATGCTCAACGGGGCTCTGACCATTGGCACCATGGACGG
GGCCAATGTGGAGATGGCAGAAGAGGGCGGGAGAGGAAAACCTTCTCATCTTTGGCATGCGGGTGGAGGAT
GTGGATAAGCTTGACCAAGAGGGTACAATGCCAGGAGTACTACGATCGCATTCTGAGCTTCGGCAGG
TCATTGAGCAGCTGAGCAGTGGCTTCTTCTCCCCAAACAGCCCGACCTGTTCAAGGACATTGTCAATAT
GCTCATGCACCATGACCGGTTTAAAGTCTTCGACAGATTATGAAGACTACATTAATGCCAGGAGAAAGTC
AGCGCCTTGTACAAGAACCAAGAGAGTGGACGCGGATGGTGATCCGGAACATAGCCACCTCTGGCAAGT
TCTCCAGTGACCGCACCATTGCCCAAGTATGCCCGGGAGATCTGGGGTGTGGAGCCTTCCCGCCAGCGCT
GCCAGCCCCGGATGAGGCCATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC228572 representing NM_001164716 Red=Cloning site Green=Tags(s) MSRPLSDQEKRKQISVRGLAGVENVTELKKNFNRHLHFTLVKDRNVATPRDYYFALAHTVRDHLVGRWIR TQQHYEYKDPKKISGGWQMEEDDLRYGNPWEKARPEFTLPVHFYGHVEHTSQGAKWVDTQVVLAMPYD TPVPGYRNNVNTMRLWSAKAPNDFNLKDFNVGGYIQAVLDRNLAENISRVLYPNDNFFEGKELRLKQY FVVAATLQDIIRRFKSSKFGCRDPVRTNFDAPDKVAIQLNDTHPSLAIPELMRILVDLERMDWDKAWDV TVRTCAYTNHTVLPALERWPVHLLLETLLPRHLQIIYEINQRFLNRVAAAFPGDVDRLRMSLVEEGAVK RINMAHLCAIGSHAVNGVARIHSEILKKTIFKDFYELEPHKFQNKTNGITPRRWLVLCNPGLAEVIAERI GEDFISDLQRLKLLSFVDDEAFIRDVAKVKQENKLFAYLERYKVVHINPNSLFDIQVKRIHEYKRL LNCLHVITLYNRIKREPKNKFVPRVMIGGKAAPGYHMAKMIIRLVTAIGDVVNHDPAVGDRLRVIFLEN YRVSLAEKVIPAADLSEQISTAGTEASGTGNMKFMLNGALTIGTMDGANVEMAEAEAGEENFFIFGMRVED VDKLDQRGYNAQEYYDRIPELRQVIEQLSSGFFSPKQPDLFKDIVNMLMHHDRFKVFADYEDYIKCQEKV SALYKNPREWTRMVIIRNIATSGKFSSDRTIAQYAREIWGVEPSRQRLPAPDEAI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001164716
ORF Size:	2262 bp
Buffer:	PBS with 0.001% Pluronic F9510
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_001164716.1, NP_001158188.1</u>
RefSeq ORF:	2265 bp
Locus ID:	5837
UniProt ID:	<u>P11217</u>
Cytogenetics:	11q13.1
MW:	87.1 kDa