

Product datasheet for **RC206135A1V**

Human PLBD2 (NM_173542) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PLBD2 (NM_173542) AAV Particle
Tag:	Myc-DDK
Symbol:	PLBD2
Synonyms:	P76
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206135 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGGCCAGATGTACTGCTACCCCGGCAGCCACCTGGCCCGGGCGCTGACGCGGGCGCTGGCGCTGG
 CCCTGGTGTGCTGGCCCTGCTGGTGGGGCGTTCTTGAGCGGCCTGGCGGGGGCGATCCAGCGCCGGGGG
 CCGCTGGGCGCGCATGGGCAGGTCCCTCCAGCCTCCCGCAGCCGCTCGGTGCTCCTGGACGTCTCGGCG
 GGCCAGCTGCTTATGGTGGACGGACGCCACCCTGACGCCGTGGCCTGGGCCAACCTACCAACGCCATCC
 GCGAGACTGGTGGGCCCTTCTGGAGCTGGGCACAAGTGGCCAATAAATGACAGCTTGACGGCTATGC
 AGCCGGTGTGGTGGAGGCTGCTGTGCGGAGGAGCTCATCTACATGACTGGATGAACACGGTGGTGAAT
 TACTGCGGCCCTTCGAGTATGAAGTCGGCTACTGCGAGAGGCTGAAGAGCTTCTGGAGGCCAACCTAG
 AGTGGATGCAGGAAGAGATGGAGTCAAACCCAGACTCACCTTACTGGCACCAGGTGCGGCTGACCCTCT
 GCAGCTGAAAGCCTGGAGGACAGCTACGAAGCCGTGTGAGCTTCCAGCTGGGAAGTTCACCATCAAA
 CCCTTGGGGTTCTCTGCTGCAGCTCTCTGGGGACCTGGAAGACCTGGAGCTGGCCCTGAACAAGACCA
 AGATCAAACCTTCTCTGGGCTCTGGCTCCTGTTCTGCCCTCATCAAGCTGCTCCCTGGCCAGAGTGACCT
 CCTGGTGGCCACAACACCTGGAACAATAACAGCACATGCTGCGTGTCAAGAAGTACTGGTCCAG
 TTCCGGGAAGGCCCTGGGGGACTACCCGCTGGTTCGCGCAACAAGCTGGTCTTCTCTCTACCCCG
 GCACCATCTTCTCTGCGACGACTTCTACATCTGGGCAGTGGGCTGGTACACTGGAGACCACCATGG
 CAACAAGAACCAGCCCTGTGGAAGTATGTGCGGCCAGGGGCTGTGTGCTGGAGTGGGTACGCAACATC
 GTGGCCAACCGCTGGCCTCGGATGGGGCCACCTGGGCAGACATCTTCAAGAGGTTCAACAGCGGCACGT
 ATAACAACCAAGTGGATGATCGTGGACTACAAGCGTTTCATCCCGGGTGGGCCAGCCCGGGAGCCGGGT
 GCTTACCATCCTGGAGCAGATCCCGGCATGGTGGTGGCTGACAAGACCTCGGAGCTCTACCAGAAG
 ACCTACTGGGCCAGCTACAACATACCGTCTTCGAGACTGTGTTCAATGCCAGTGGGCTGCAGGCCCTAG
 TGGCCAGTATGGGGACTGGTTTTCTTATGACGGGAGCCCCGGGCCAGATCTCCGGCGGAACCAGTC
 ACTGGTACAAGACATGGACTCCATGGTCAGGCTGATGAGGTACAATGACTTCTCCATGACCCTCTGTCA
 CTGTGCAAAGCCTGCAACCCCGAGCCCAATGGGAGAATGCTATCTCCGCCGCTCCGACCTCAACCCGG
 CCAATGGCTCTACCCCTTCAAGGCCCTGCGTCAGCGCTCCATGGGGTATCGATGTGAAGGTGACCAG
 CATGTCACTGGCCAGGATCCTGAGCCTGCTGGCGGCCAGCGTCCACGTGGGACCAGGTGCCCCGTTTC
 CAGTGGAGCACCTCGCCCTTCAAGCGCCTGCTGCACATGGGCCAGCCAGACCTCTGGAAGTTCGCGCCTG
 TCAAGTTTCATGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206135 protein sequence
 Red=Cloning site Green=Tags(s)

MVGQMYCYPGSHLARALTRALALALVLLVGPFLSGLAGAIAPGGRWARDGQVPPASRSRSLLDVSA
 GQLLMVDGRHPDAVAWANLTNAIRETGWAFLELGTSGQYNDLQAYAAAGVVEAAVSEELIYHWMNTVVN
 YCGPFYEYVGYCERLKSFLLEANLEWMQEEMESNPDSPIYWHQVRLTLLQLKGLSDSYEGRVSFPAGKFTIK
 PLGFLLLQLSGDLEDLEALNKTIKPSLGSGLSALIKLLPGQSDLLVAHNTWNNYQHMLRVIKKYWLQ
 FREGPWGDYPLVPGNKLVSYPGTIFSCDDFYILGSLVLTETIGNKNPALWKYVRPRGCVLEWVRNI
 VANRLASDGATWADIFKRFNSGTYNQWIMVDYKAFIPGGPSPGSRVLTILEQIPGMVVVADKTSELYQK
 TYWASYNIPSFETVFNASGLQALVAQYGDWF SYDGSRAQIFRRNQLVQDMSMVRMLRYNDFLHDPLS
 LCKACNPQPNGENAISARSDLPANGSYPFKALRQRSHGGIDVKVTSMSLARILSLLAASGPTWDQVPPF
 QWTSPPFSGLLHMGQPDWLKFAFVKVSWD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_173542
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F5825
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_173542.2, NP_775813.1</u>
RefSeq Size:	2832 bp
RefSeq ORF:	1770 bp
Locus ID:	196463
UniProt ID:	<u>Q8NHP8</u>
Cytogenetics:	12q24.13
MW:	65.5 kDa