

Product datasheet for **RC209501A1V**

Human PLBD1 (NM_024829) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PLBD1 (NM_024829) AAV Particle
Tag:	Myc-DDK
Symbol:	PLBD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209501 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCGCGCGGTCCGGGCGGGCGCCGGGGCTGCCACAGCCGCCCGCTTCTGCTGCTGCTGCTGC
 TGCCGCTGTTGTTAGTCACCGCGGAGCCGCCGAAACCTGCAGGAGTCTACTATGCAACTGCATACCTGGAT
 GCCTGCTGAAAAGACAGTACAAGTCAAAAATGTAATGGACAAGAATGGGACGCCTATGGCTTTTACAAT
 AACTCTGTGAAAACACAGGCTGGGGCATCCTGGAGATCAGAGCTGGCTATGGCTCTCAAACCTGAGCA
 ATGAGATCATCATGTTTGTGGCTGGCTTTTGGAGGGTTACCTCACTGCCCCACACATGAATGACCACTA
 CACAAACCTCTACCCACAGCTGATCACGAAACCTTCCATCATGGATAAAGTGCAGGATTTTATGGAGAAG
 CAAGATAAGTGGACCCGAAAAATATCAAAGAATACAAGACTGATTCATTTTGGAGACATACAGGCTATG
 TGATGGCACAAATAGATGGCCTCTATGTAGGAGCAAAGAAGAGGGCTATATTAGAAGGGACAAAGCCAAT
 GACCCTGTTCCAGATTCACTTCTGAATAGTGTGGAGATCTATTGGATCTGATTCCTCACTCTCTCCC
 ACAAAAAACGGCAGCCTAAAGGTTTTTAAAGAGATGGGACATGGGACATTGCTCCGCTCTTATCAAGGTTT
 TTCCTGGATTTGAGAATCCTTTTTGCTCACTCAAGCTGGTACACGTATGCAGCCATGCTCAGGATATA
 TAAACACTGGGACTTCAACATCATAGATAAAGATACCAGCAGTAGTCGCCTCTCTTTACAGAGTTACCCA
 GGGTTTTTGGAGTCTCTGGATGATTTTTACATTCTTAGCAGTGGATTGATATTGCTGCAGACCACAAACA
 GTGTGTTTAATAAAACCTGCTAAAGCAGGTAATACCCGAGACTCTCCTGTCTGGCAAAGATCCGTGT
 GGCCAATATGATGGCAGATAGTGGCAAGAGGTGGGACAGACATCTTTCAAATACAACCTGGCACCTAT
 AACATCAATACATGGTCTGGACCTGAAGAAAGTAAAGCTGAACACAGTCTTGACAAAGGCACTCTGT
 ACATTGTGGAGCAAATTCCTACATATGTAGAATATTCTGAACAACTGATGTTCTACGGAAGGATATTG
 GCCCTCCTACAATGTTCTTTCCATGAAAAATCTACAACCTGGAGTGGCTATCCACTGTTAGTTCAGAAG
 CTGGGCTTGACTACTCTTATGATTTAGCTCCACGAGCCAAAATTTTCCGGCGTGACCAAGGAAAGTGA
 CTGATACGGCATCCATGAAATATATCATGCGATACAACAATTATAAGAAGGATCCTTACAGTAGAGGTGA
 CCCCTGTAATACCATCTGCTGCCGTGAGGACCTGAACCTACCTAACCAAGTCTGGAGGTTGTTATGAC
 ACAAGGTGGCAGATATCTACCTAGCATCTCAGTACACATCCTATGCCATAAGTGGTCCCACAGTACAAG
 GTGGCCTCCCTGTTTTTCGCTGGGACCGTTTCAACAACTCTACATCAGGGCATGGCAGAGGTCTACAA
 CTTTGATTTTATTACCATGAAACCAATTTGAAACTTGATATAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209501 protein sequence
 Red=Cloning site Green=Tags(s)

MTRGGPGGRPGLPQPPPLLLLLLLPLLLVTAEPKPKAGVYYATAYWMPAEKTVQVKNVMDKNGDAYGFYN
 NSVKTTGWGILEIRAGYGSQTLSEIIMFVAGFLEGYL TAPHMNDHYTNLYPQLITKPSIMDKVQDFMEK
 QDKWTRKNIKEYKTDSEFRHTGYVMAQIDGLYVGAKKRAILEGTPMTLFQIQFLNSVGDLDDLIPSLSP
 TKNGSLKVFKRWDMGHCSALIKVLPGFENILFAHSSWYTYAAMLRIYKHWFNIIIDKDTSSSRLSFSSYP
 GFLESLLDFYILSSGLILLQTTNSVFNKTLKQVIPETLLSWQVRVRANMMADSGKRWADIFSKYNSGT
 NNQYMLVDLKKVKNHSLDKGTLIVEQIPTVEYSEQTDVLRKGYWPSYNVFPHEKIYNWSGYPLLQK
 LGLDYSYDLAPRAKIFRRDQGVTDATSMKYIMRYNNYKDPYSRGDPCNTICCREDLNSPNPSPGGCYD
 TKVADIYLASQYTSYAISGPTVQGLPVFRWDRFNKTLHQGMAEVYNFDFITMKPILKLDIK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024829

ORF Size:	1656 bp
Buffer:	PBS with 0.001% Pluronic F6446
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_024829.5</u>
RefSeq Size:	1951 bp
RefSeq ORF:	1662 bp
Locus ID:	79887
UniProt ID:	<u>Q6P4A8</u>
Cytogenetics:	12p13.1
MW:	63.1 kDa