

Product datasheet for **RC200309A1V**

Human Legumain (LGMN) (NM_001008530) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Legumain (LGMN) (NM_001008530) AAV Particle
Tag:	Myc-DDK
Symbol:	Legumain
Synonyms:	AEP; LGMN1; PRSC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200309 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTTTGAAAGTAGCTGTATTCTCAGTGTGGCCCTGGGCATTGGTGCCATTCTATAGATGATCCTG
AAGATGGAGGCAAGCACTGGGTGGTGATCGTGGCAGGTTCAAATGGCTGGTATAATTATAGGCACAGGC
AGACGCGTGCCATGCCTACCAGATCATTACCGCAATGGGATTCTGACGAACAGATCGTTGTGATGATG
TACGATGACATTGCTTACTCTGAAGACAATCCCACTCCAGGAATTGTGATCAACAGGCCCAATGGCACAG
ATGCTATCAGGGAGTCCCGAAGGACTACACTGGAGAGGATGTTACCCACAAAATTTCTTGCTGTGT
GAGAGGCGATGCAGAAGCAGTGAAGGGCATAGGATCCGGCAAAGTCTGAAGAGTGGCCCCCAGGATCAC
GTGTTCATTTACTTCACTGACCATGGATCTACTGGAATACTGGTTTTTCCAATGAAGATCTTCATGTAA
AGGACCTGAATGAGACCATCCATTACATGTACAAACACAAAATGTACCGAAAGATGGTGTCTACATTGA
AGCCTGTGAGTCTGGGTCCATGATGAACACCTGCCGGATAACATCAATGTTTATGCAACTACTGCTGCC
AACCCAGAGAGTCGTCTACGCTGTTACTATGATGAGAAGAGGTCCACGTACCTGGGGGACTGGTACA
GCGTCAACTGGATGGAAGACTCGGACGTGGAAGATCTGACTAAAGAGACCCTGCACAAGCAGTACCACCT
GGTAAATCGCACACCAACACCAGCCACGTATGCAGTATGAAAACAAAACATCTCCACCATGAAAGTG
ATGCAGTTTCAGGGTATGAAACGCAAAGCCAGTTCTCCCGTCCCCTACCTCCAGTCACACACCTTGACC
TCACCCCGAGCCCTGATGTGCCCTCTACCATCATGAAAAGGAACTGATGAACACCAATGATCTGGAGGA
GTCCAGGCAGCTCACGGAGGAGATCCAGCGGCATCTGGATGCCAGGCACCTCATTGAGAAGTCAGTGCCT
AAGATCGTCTCCTTGCTGGCAGCGTCCGAGGCTGAGGTGGAGCAGCTCCTGTCCGAGAGAGCCCCGCTCA
CGGGGCACAGCTGCTACCCAGAGGCCCTGCTGCACTTCCGGACCCACTGCTTCACTGGCACTCCCCAC
GTACGAGTATGCGTTGAGACATTTGTACGTGCTGGTCAACCTTTGTGAGAAGCCGTATCCACTTCACAGG
ATAAAATTGTCCATGGACCACGTGTGCCTTGGTCACTAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200309 protein sequence Red=Cloning site Green=Tags(s) MVWKVAVFLSVALGIGAIPIDDPEDGGKHVVIVAGSNGWYNRHRQADACHAYQIIHRNGIPDEQIVMM YDDIAYSEDNPTPGIVINRPNGTDVYQGVPKDYGEDVTPQNFLAVLRGDAEAVKGIGSGKVLKSGPQDH VFIYFTDHGSTGILVFPNEDLHVKDLNETIHMYKHKMYRKMFYIEACESGSMNHLPDNINVYATTAA NPRESSYACYDEKRSTYLGDWYSVNWMEQSDVEDLTKETLHKQYHLVKSHNTNTSHVMQYGNKTISTMKV MQFQGMKRKASSPVPLPPVTHLDLTPSPDVPLTIMKRKLMNTNDLEESRQLTEEIQRHLDARHLIEKSVR KIVSLLAASEAEVEQLLSERAPLTGHSCYPEALLHFRTHCFNWHSPITYEYALRHLVYLVNLCEKPYPLHR IKLSMDHVCLGHY SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001008530
ORF Size:	1299 bp
Buffer:	PBS with 0.001% Pluronic F68
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_001008530.1
RefSeq Size:	2191 bp
RefSeq ORF:	1302 bp
Locus ID:	5641
UniProt ID:	Q99538
Cytogenetics:	14q32.12
MW:	49.4 kDa