

## Product datasheet for RC224975A1V

### Human Legumain (LGMN) (NM\_005606) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Legumain (LGMN) (NM_005606) AAV Particle
Tag:	Myc-DDK
Symbol:	Legumain
Synonyms:	AEP; LGMN1; PRSC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224975 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGGTTTGAAAGTAGCTGTATTCCTCAGTGTGGCCCTGGGCATTGGTGCCATTCTATAGATGATCCTG  
AAGATGGAGGCAAGCACTGGGTGGTGATCGTGGCAGGTTCAAATGGCTGGTATAATTATAGGCACCAGGC  
AGACGCGTGCCATGCCTACCAGATCATTACCAGCAATGGGATTCCTGACGAACAGATCGTTGTGATGATG  
TACGATGACATTGCTTACTCTGAAGACAATCCCACTCCAGGAATTGTGATCAACAGGCCCAATGGCAGAG  
ATGTCTATCAGGGAGTCCCGAAGGACTACACTGGAGAGGATGTTACCCACAAAATTTCCCTGTGTGTT  
GAGAGGGGATGCAGAAGCAGTGAAGGGCATAGGATCCGGCAAAGTCCTGAAGAGTGGCCCCCAGGATCAC  
GTGTTCAATTTACTTCACTGACCATGGATCTACTGGAATACTGGTTTTTCCCAATGAAGATCTTCATGTA  
AGGACCTGAATGAGACCATCCATTACATGTACAAAACAAAATGTACCGAAAGATGGTGTCTACATTGA  
AGCCTGTGAGTCTGGTCCATGATGAACCACCTGCCGGATAACATCAATGTTTATGCAACTACTGCTGCC  
AACCCAGAGAGTCGTCCTACGCTGTTACTATGATGAGAAGAGGTCCACGTACCTGGGGGACTGGTACA  
GCGTCAACTGGATGGAAGACTCGGACGTGGAAGATCTGACTAAAGAGACCCTGCACAAGCAGTACCACCT  
GGTAAAATCGCACACCAACACCAGCCACGTATGCAGTATGAAAACAAAACAATCTCCACCATGAAAGTG  
ATGAGTTTCAGGGTATGAAACGCAAAGCCAGTTCTCCCGTCCCCTACCTCCAGTCACACACCTTGACC  
TCACCCAGCCCTGATGTGCCTCTCACCATCATGAAAAGGAACTGATGAACCAATGATCTGGAGGA  
GTCCAGGCAGCTCACGGAGGAGATCCAGCGCATCTGGATGCCAGGCACCTCATTGAGAAGTCACTGCGT  
AAGATCGTCTCCTTGCTGGCAGCGTCCGAGGCTGAGGTGGAGCAGCTCCTGTCCGAGAGAGCCCCGCTCA  
CGGGGCACAGTCTACCCAGAGGCCCTGCTGCACTTCCGGACCCACTGCTTCAACTGGCACTCCCCAC  
GTACGAGTATGCGTTGAGACATTTGTACGTGCTGGTCAACCTTTGTGAGAAGCCGTATCCACTTCACAGG  
ATAAAATTGTCATGGACCACGTGTGCCTTGGTCACTAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC224975 protein sequence Red=Cloning site Green=Tags(s)  MVWKVAVFLSVALGIGAIPIDDPEDGGKHWVIVAGSNGWYNYRHQADACHAYQIIHRNGIPDEQIVMM YDDIAYSEDNPTPGIVINRPNGTDVYQGVPKDYTGEDVTPQNFLAVLRGDAEAVKIGSGKVLKSGPQDH VFYFTDHGSTGILVFPNEDLHVKDLNETIHMYKHKMYRKMVFYIEACESGSMNHLPDNINVYATTA NPRESSYACYDEKRSTYLGDWYSVNWMEQSDVEDLTKETLHKQYHLVKSHNTNTSHVMQYGNKTI STMKV MQFQGMKRKASSPVPLPPVTHLDLTPSPDVPLTIMKRKLMNTNDLEESRQLTEEIQRHLDARHL IEKSVR KIVSLLAASEAEVEQLLSERAPLTGHSCYPEALLHFRTHCFNWHSPTYEYALRHLYVLVNLCEKPY PLHR IKLSMDHVCLGHY  SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_005606
<b>ORF Size:</b>	1299 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_005606.5</a></u>
<b>RefSeq Size:</b>	2073 bp
<b>RefSeq ORF:</b>	1302 bp
<b>Locus ID:</b>	5641
<b>UniProt ID:</b>	<u><a href="#">Q99538</a></u>
<b>Cytogenetics:</b>	14q32.12
<b>MW:</b>	49.4 kDa