

## Product datasheet for **RC222685A1V**

### Human LPLUNC3 (BPIFB3) (NM\_182658) AAV Particle

#### Product data:

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Product Type:             | AAV Particles                                   |
| Product Name:             | Human LPLUNC3 (BPIFB3) (NM_182658) AAV Particle |
| Tag:                      | Myc-DDK                                         |
| Symbol:                   | LPLUNC3                                         |
| Synonyms:                 | C20orf185; LPLUNC3; RYA3                        |
| Mammalian Cell Selection: | None                                            |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                      |



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## ORF Nucleotide Sequence:

>RC222685 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGC

ATGCAGCCAGTCATGCTGGCCCTGTGGTCCCTGCTTCTGCTCTGGGGCCTGGCGACTCCATGCCAGGAGC  
 TGCTAGAGACGGTGGGCACGCTCGCTCGGATTGACAAGGATGAACTCGGCAAAGCCATCCAGAAGCTCACT  
 GGTTGGGGAGCCATTCTGCAGAATGTGCTGGGATCGGTACAGCTGTGAACCGGGGCTCTTGGGCTCA  
 GGAGGGCTGCTTGGAGGAGCGGCTTGTGGGCCACGGAGGGGTTTTGGCGTTGTGAGGAGCTCTCTG  
 GTCTGAAGATTGAGGAGCTCACGCTGCCAAAGGTGTTGCTGAAGCTGCTGCCGGGATTTGGGGTGCAGCT  
 GAGCCTGCACACCAAAGTGGGCATGCATTGCTCTGGCCCCCTTGGTGGCCTTCTGCAGCTGGCTGCGGAG  
 GTGAACGTGACATCGGGGTGGCGCTGGCCGTGAGCTCAAGGGGCACACCCATCCTTATCCTCAAGCGCT  
 GCAGCAGCTCCTGGCCACATCAGCCTGTTCTCAGGGCTGCTGCCACACCACTCTTTGGGGTCTGGA  
 ACAGATGCTCTTCAAGGTGCTTCCGGGACTGCTGTGCCCGTGGTGGACAGTGTGCTGGGTGTGGTGAAT  
 GAGCTCCTGGGGCTGTGCTGGGCTGGTGTCCCTTGGGGCTCTTGGGTCCGTGGAATTCCTCTGGCCA  
 CATTGCCTCTCATCTCCAACAGTACATAGAAGTGGACATCAACCCATCGTGAAGAGTGTAGCTGGTGA  
 TATCATTGACTTCCCAAGTCCCGTGCCCCAGCCAAGGTGCCCCCAAGAAGGACCACACATCCCAGGTG  
 ATGGTGCCACTGTACCTCTTCAACACCATGTTTGGACTCCTGCAGACCAACGGCGCCCTCGACATGGACA  
 TCACCCCTGAGCTGGTTCACAGCATGTCCACTGACAACACAGACCTGGCAGCTTTGCTCCCTGAGGC  
 CCTGGGAAGCTGCCCTGCACAGCAACTCCTACTGTTCTCGGGTGAGGGAAGCTCCACGGTCACA  
 CTCCACAACAAGAAGGCTTGGTCTCCCTCCAGCCAACATCCATGTGCTGTTCTATGTCCTTAAGGGGA  
 CCCCTGAATCCCTCTTTGAGCTGAAGTCCGTGCTGCTGCGTGCCAGCTGGCTCCCTCGGCTACCAA  
 GCTGCACATCTCCCTGTCCCTGGAACGGCTCAGTGTCAAGGTGGCCTCCTCCTTACCCATGCCTTTGAC  
 GGATCGGCTTTAGAAGATGGCTCAGCCATGTGGTGGGGCAGTGTATGCACCAAAGCTTAACGTGGCCC  
 TGGATGTTGGAATTTCCCTGCCTAAGGTTCTTAATATCAATTTTCCAATTCAGTTCTGGAGATCGTAGA  
 GAATGCTGTTGTGCTGACCGTGGCATCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC222685 protein sequence  
 Red=Cloning site Green=Tags(s)

MQPVMLALWSLLLLWGLATPCQELLETVGTLARIDKDELGKAIQNSLVGEPILQNVLGSVTAVNRGLLS  
 GGLLGGGGLLGHGGVFGVVEELSLKIEELTLPKVLLKLLPGFGVQLSLHTKVMHCSGPLGGLLQLAAE  
 VNVTSRVALAVSRGTPILILKRCSTLLGHISLFSGLLPTPLFGVVEQMLFKVLPGLLCPVVDVSVLGVN  
 ELLGAVLGLVSLGALGSVEFSLATLPLISNQYIELDINPIVKSVAAGDIIDFPKSRAPAKVPPKDHSTQV  
 MVPLYLFNTMFGLLQTNGALDMDITPELVPSDVPLTTDLAALLPEALGKLPLHQQLLLFLRVREAPT  
 VTLHNKKALVSLPANIHLVLYVPKGTPELNFELNSVMTVRAQLAPSATKLHISLSLERLSVKVASSFTAFD  
 GSRLEEWSLHVVGAVYAPKLNVALDVGISLPKVLNINFSNSVLEIVENAVVLTVAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM\_182658

ORF Size:

1428 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:       | <u>NM_182658.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 1454 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1431 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 359710                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt ID:   | <u>P59826</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 20q11.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:           | 50.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |