

## Product datasheet for RC221225A1V

### Human LIPF (NM\_004190) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human LIPF (NM_004190) AAV Particle                                         |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | LIPF                                                                        |
| Synonyms:                 | GL; HGL; HLAL                                                               |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC221225 representing NM_004190<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTGGCTGCTTTTAAACATGGCAAGTTTGATATCTGTACTGGGACTACACATGGTTTGTGGAAAAAT  
TACATCCTGGAAGCCCTGAAGTGACTATGAACATTAGTCAGATGATTACTTATTGGGGATACCCAAATGA  
AGAATATGAAGTTGTGACTGAAGATGGTTATATCTTGAAGTCAATAGAATTCCTTATGGGAAGAAAAAT  
TCAGGGAATACAGGCCAGAGACCTGTTGTGTTTTGCAGCATGGTTTGCTTGCATCAGCCACAACTGGA  
TTTCCAACCTGCCGAACAACAGCCTTGCTTCATTCTGGCAGATGCTGGTTATGATGTGTGGCTGGGCAA  
CAGCAGAGGAAACACCTGGGCCAGAAGAACTTGTAATTCACCCAGATTCAGTTGAATTCCTGGGCTTTC  
AGCTTTGATGAAATGGCTAAATATGACCTTCCAGCCACAATCGACTTCATTGTAAGAAAACTGGACAGA  
AGCAGCTACACTATGTTGGCCATTCCCAGGGCACCACCATTGGTTTTATTGCCTTTTCCACCAATCCCAG  
CCTGGCTAAAAGAATCAAAACCTTCTATGCTCTAGCTCCTGTTGCCACTGTGAAGTATACAAAAAGCCTT  
ATAAACAACTTAGATTTGTTCCCTCAATCCCTCTCAAGTTTATATTTGGTGACAAAATATTCTACCCAC  
ACAACTTCTTTGATCAATTTCTTGCTACTGAAGTGTGCTCCCGTGAGATGCTGAATCTCCTTTGCAGCAA  
TGCCTTATTTATAATTTGTGGATTTGACAGTAAGAACTTAAACACGAGTCGCTTGGATGTGTATCTATCA  
CATAATCCAGCAGGAACCTCTGTTCAAAACATGTTCCATTGGACCCAGGCTGTTAAGTCTGGGAAATTCC  
AAGCTTATGACTGGGGAAGCCAGTTCAGAATAGGATGCACTATGATCAGTCCCAACCTCCCTACTACAA  
TGTGACAGCCATGAATGTACCAATTGCAAGTGTGAACGGTGGCAAGGACCTGTTGGCTGACCCCCAAGAT  
GTTGGCCTTTTGTCTCCAAAACCTCCCAATCTATTTACCACAAGGAGATTCTTTTTACAATCACTTGG  
ACTTTATCTGGCAATGGATGCCCTCAAGAAGTTTACAATGACATTGTTTCTATGATATCAGAAGATAA  
AAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA


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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC221225 representing NM_004190</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MWLLLTMASLISVLGTTHTGLFGKLHPGSPEVTMNISQMITYWGYPNEEYEVVTEDEGYILEVNRIPYGKKNSGNTGQRPVVFLQHGLLASATNWNISLNNLAFILADAGYDVLGNSRGNTWARRNLYYSPDSVEFWAFSFDMAKYDLPATIDFIVKKTGQQLHYVGHSSQGTITGFIASFSTNPSLAKRIKTFYALAPVATVKYTKSLINKLRFVPQSLFKFIFGDKIFYPHNFFDQFLATEVCSREMLNLLCSNALFIICGFDSKNFNTSRLDVYLSHNPAAGTSVQNMFWHTQAVKSGKFQAYDWGSPVQNRMHYDQSPPYYNVTAMNVPIAVWNGGKDLLADPQDVGLLLPKLPNLIYHKEIPFYNHLDFIWAMDAPQEYNDIVSMISEDKK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:             | NM_004190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:         | 1194 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:           | <a href="#">NM_004190.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq Size:      | 1365 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:       | 1197 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:         | 8513                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <a href="#">P07098</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics:     | 10q23.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:               | 45.24 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |