

Product datasheet for **RC202162A1V**

Human LIMPII (SCARB2) (NM_005506) AAV Particle

Product data:

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|---------------------------|---|
| Product Type: | AAV Particles |
| Product Name: | Human LIMPII (SCARB2) (NM_005506) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | LIMPII |
| Synonyms: | AMRF; CD36L2; EPM4; HLGP85; LGP85; LIMP-2; LIMPII; SR-BII |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC202162 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCCGATGCTGCTTCTACACGGCGGGACGTTGTCCTGCTCCTGCTGGTGACCAGCGTCACGCTGC
 TGGTGGCCCGGTCTTCCAGAAGGCTGTAGACCAGAGTATCGAGAAGAAAATTGTGTTAAGGAATGGTAC
 TGAGGCATTTGACTCCTGGGAGAAGCCCCCTCGCCTGTGTATACTCAGTTCTATTTCTCAATGTCACC
 AATCCAGAGGAGATCCTCAGAGGGGAGACCCCTCGGGTGAAGAAGTGGGGCCATACACCTACAGGGAAC
 TCAGAAACAAAGCAAATATTCAATTTGGAGATAATGGAACAACAATATCTGCTGTAGCAACAAGCCTA
 TGTTTTTGAACGAGACCAATCTGTTGGAGACCTAAAATTGACTTAATTAGAACATTAATATTCCTGTA
 TTGACTGTCATAGAGTGGTCCCAGGTGCACTTCTCAGGGAGATCATCGAGGCCATGTTGAAAGCCTATC
 AGCAGAAGCTCTTTGTGACTCACACAGTTGACGAATTGCTCTGGGGCTACAAAGATGAAATCTTGTCCCT
 TATCCATGTTTTAGGCCGATATCTCTCCCTATTTTGGCCTATTCTATGAGAAAAATGGGACTAATGAT
 GGAGACTATGTTTTTCTAACTGGAGAAGACAGTTACCTTAACTTTACAAAAATTGTGGAATGGAATGGGA
 AAACGTCACTTGACTGGTGGATAACAGACAAGTGAATATGATTAATGGAACAGATGGAGATTCTTTTCA
 CCCACTAATAACCAAAGATGAGGTCCTTTATGTCTTCCCATCTGACTTTTGCAGGTGAGTATATTACT
 TTCAGTGACTATGAGAGTGACAGGGACTGCCTGCCTTTCGGTATAAAGTTCTGCAGAAATATTAGCCA
 ATACGTCAGACAATGCCGGCTTCTGTATACCTGAGGGAAACTGCCTGGGCTCAGGAGTTCTGAATGTCAG
 CATCTGCAAGAATGGTGCACCCATCATTATGTCTTCCACACTTTTACCAAGCAGATGAGAGGTTTGT
 TCTGCCATAGAAGGCATGCACCCAAATCAGGAAGACCATGAGACATTTGTGGACATTAATCCTTTGACTG
 GAATAATCCTAAAAGCAGCCAAGAGGTTCCAAATCAACATTTATGTCAAAAAATTAGACTTTTGTGTA
 AACGGGAGACATTAGAACCATGTTTTCCAGTGATGTACCTCAATGAGAGTGTTACATTGATAAAGAG
 ACGCGGAGTCTGACTGAAGTCTATGATTAACACTACTTTGATCATACCAACATACCCTACATCATCATGG
 CGCTGGGTGTGTTCTTTGGTTGGTTTTTACCTGGCTTGCATGCAAAGGACAGGGATCCATGGATGAGGG
 AACAGCGGATGAAAGAGCACCCCTATTCAACC

ACCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202162 protein sequence
 Red=Cloning site Green=Tags(s)

MGRCCFYTAGTSLLLLLVTSVLLVARVFQKAVDQSIKIVLRNGTEAFDSWEKPLPVYTYQFYFFNVT
 NPPEILRGETPRVEEVGPYTYRELNRNKANIQFGDNGTTISAVSNKAYVFERDQSVGDPKIDLIRTLNIPV
 LTVIEWSQVHFLREIIIEAMLKAYQKLFVTHTVDELLWGYKDEILSLIHVFRPDISPYFGLFYEKNGTND
 GDYVFLTGEDSYLNFTKIVEWNGKTSLDWWITDKCNMINGTDGDSFHPLITKDEVLYVFPDFCRSVYIT
 FSDYESVQGLPAFRYKVPAEILANTSDNAGFCIPEGNCLGSGVLNVSICKNGAPIIMSFPHFYQADERFV
 SAIEGMHPNQEDHETFDINPLTGIILKAAKRFQINIYVKLDDFVETGDIRTMVFPVMYL NESVHIDKE
 TASRLKSMINTTLIITNIPYIIMALGVFFGLVFTWLACKGQGSMDDEGTADERAPLIRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005506

ORF Size:

1434 bp

Buffer:

PBS with 0.001% Pluronic F68

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| 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_005506.2</u> |
| RefSeq Size: | 4780 bp |
| RefSeq ORF: | 1437 bp |
| Locus ID: | 950 |
| UniProt ID: | <u>Q14108</u> |
| Cytogenetics: | 4q21.1 |
| MW: | 54.3 kDa |