

## Product datasheet for **RC231397A1V**

### Human LDL Receptor (LDLR) (NM\_001195802) AAV Particle

#### Product data:

|                       |                            |
|-----------------------|----------------------------|
| <b>Product Type:</b>  | AAV Particles              |
| <b>Tag:</b>           | Myc-DDK                    |
| <b>Symbol:</b>        | LDLR                       |
| <b>Synonyms:</b>      | FH; FHC; LDLCQ2            |
| <b>Mammalian Cell</b> | None                       |
| <b>Selection:</b>     |                            |
| <b>Vector:</b>        | pAAV-AC-Myc-DDK (PS100089) |



ORF Nucleotide Sequence: >RC231397 representing NM\_001195802  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGGCCCTGGGGCTGGAATTCGCTGGACCGTCGCCTTGTCTCTCGCCGCGGGGGACTGCAGTGG  
GCGACAGATGCGAAAGAAACGACTTCCAGTGCAACAGCTCCACCTGCATCCCCAGCTGTGGGCCTGCGA  
CAACGACCCCGACTGCGAAGATGGCTCGGATGAGTGGCCGACGCGTGTAGGGGTCTTTACGTGTTCCAA  
GGGGACAGTAGCCCTGCTCGGCCTTCGAGTTCACACTGCCTAAGTGGCGAGTGCATCCACTCCAGCTGGC  
GCTGTGATGGTGGCCCCGACTGCAAGGACAAATCTGACGAGGAAAACTGCGCTGTGGCCACCTGTGCGCC  
TGACGAATTCAGTGTCTGATGGAAACTGCATCCATGGCAGCCGGCAGTGTGACCCGGAAATATGACTGC  
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ACAGCGGGCAATGCATCACCTGGACAAAGTCTGCAACATGGCTAGAGACTGCCGGGACTGGTCAGATGA  
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CTTAAGATCGGCTACGAGTGCCTGTGCCCGACGGCTTCCAGCTGGTGGCCAGCGAAGATGCGAAGATA  
TCGATGAGTGTGAGGATCCCGACACCTGCAGCCAGCTCTGCGTGAACCTGGAGGGTGGCTACAAGTGCCA  
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GACATCCAGGCCCCGACGGGCTGGCTGTGGACTGGATCCACAGCAACATCTACTGGACCGACTCTGTCC  
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CAGGTTCCGATGTCAACTTGTGGCTGAAAACCTACTGTCCCAGAGGATATGGTTCTTCCACAACCT  
CACCCAGCCAAGAGGAGTGAAGTGGTGTGAGAGGACCACCCTGAGCAATGGCGGCTGCCAGTATCTGTGC  
CTCCCTGCCCGCAGATCAACCCCACTCGCCCAAGTTTACCTGCGCTGCCCGACGGCATGCTGCTGG  
CCAGGGACATGAGGAGCTGCCTCACAGAGGCTGAGGCTGCAGTGGCCACCCAGGAGACATCCACCGTCAG  
GCTAAAGGTCAGTCCACAGCCGTAAGGACACAGCACACAACCACCCGACCTGTTCCCGACACCTCCCGG  
CTGCCTGGGGCCACCCCTGGGCTCACACGGTGGAGATAGTGACAATGTCTACCAAGCTCTGGGCGACG  
TTGCTGGCAGAGGAAATGAGAAGAAGCCAGTAGCGTGGGGCTCTGTCCATTGTCTCCCATCGTGTCT  
CCTCGTCTTCTTTGCTGGGGTCTTCTTCTATGGAAGAAGTGGCGGCTTAAAGAATCAACAGCATC  
AACTTTGACAACCCGCTATCAGAAGACCACAGAGGATGAGGTCCACATTTGCCACAACAGGACGGCT  
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                          |   |
|--------------------------|---|
| <b>Protein Sequence:</b> | >RC231397 representing NM_001195802<br>Red=Cloning site Green=Tags(s)<br><br>MGPWGKLRWTVALLLAAAGTAVGDR CERND FQCNSSTCIPQLWACDNDPDCEDGSDEWPQRCRGLYVFQ<br>GDSSPSCSAFEFHCLSGECIHSSWRCDGGPDCKDKSDEENCAVATCRPDEFQCSGDNCIHGSRQCDREYDC<br>KDMSDEVGCNVNLTCEGPNKFKCHSGECITLTKVCMARDCRDWSDEPIKECGTNECLDNNGGCSHVCND<br>LKI GYECLCPDGFQLVAQR CED IDECQDPDTC SQLCVNLEGGYKCQCEEGFQLDPHTKACKAVGSIAYL<br>FFTNRHEVRKMTLDRSEYTS LIPNL RNVVALDTEVASNRIYWSDL SQRMICSTQLDRAHGVSSYDTVISR<br>DIQAPDGLAVDWIHSNIYWTDSVLGT VSVADTKGVK RKT L FRENGSKPRAIVVDPVHGFMYWTDWGTPAK<br>IKKGG L NGVDIYSLVTENIQWPNGITL DLLSGRLYWVDSKLSHSISSIDVNGGNRKTILEDEKRLAHPFSL<br>AVFEDKVFWDIINEAIF SANRLTGS D V NLLAENLLSPEDMVL FHNLTQPRGVNWCERTT L SNGGCQYLC<br>LPAPQINPHSPKFTCACPDGMLLARDMRSCLTEAEA V ATQETSTVRLKVSSTAVRTQHTTTRPV P DTSR<br>LPGATPGLTTVEIVTMSHQALGDVAGRGNEKKPSSVRALSIVLPIVLLVFLCLGVFLWKNWRLKNINSI<br>NFDNPVYQKTTDEVHICHNQDGYSYPSRQMVSL EDDVA<br><br>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| <b>Species:</b>          | Human   |
| <b>Serotype:</b>         | AAV-2   |
| <b>ACCN:</b>             | NM_001195802  |
| <b>ORF Size:</b>         | 2217 bp   |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F9986  |
| <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>NM_001195802.1, NP_001182731.1</u>   |
| <b>RefSeq Size:</b>      | 4929 bp   |
| <b>RefSeq ORF:</b>       | 2219 bp   |
| <b>Locus ID:</b>         | 3949  |
| <b>Cytogenetics:</b>     | 19p13.2   |
| <b>MW:</b>               | 82.2 kDa  |