

Product datasheet for **RC231378A1V**

Human LDL Receptor (LDLR) (NM_001195800) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LDL Receptor (LDLR) (NM_001195800) AAV Particle
Tag:	Myc-DDK
Symbol:	LDLR
Synonyms:	FH; FHC; FHCL1; LDLCQ2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC231378 representing NM_001195800
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCCCTGGGGCTGGAAATTGCGCTGGACCGTCGCCTTGCTCCTCGCCGCGCGGGGACTGCAGTGG
 GCGACAGATGCGAAAGAAACGAGTTCCAGTGCCAAGACGGGAAATGCATCTCCTACAAGTGGGTCTGCGA
 TGGCAGCGCTGAGTGCCAGGATGGCTCTGATGAGTCCCAGGAGACGTGCTTGTCTGTACCTGCAAAATCC
 GGGGACTTCAGCTGTGGGGGCCGTGTCAACCGCTGCATTCTCAGTTCTGGAGGTGCGATGGCCAAGTGG
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 CCAAGGGCCATCGTGGTGGATCCTGTTTATGGCTTCTGACTGGAGTGAACAACTTCACTGAGGCAATGG
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 CTAAGGTGAGTCCACAGCCGTAAAGACACAGCACACAACCACCCGACCTGTTCCCGACACCTCCCGGC
 TGCCTGGGGCCACCCCTGGGCTCACCACGGTGGAGATAGTGACAATGTCTACCAAGCTCTGGGCGACGT
 TGCTGGCAGAGGAAATGAGAAGAAGCCAGTAGCGTGAGGGCTCTGTCCATTGTCTCCCATCTGTGCTC
 CTCGTCTTCTTTGCTGGGGTCTTCTTCTATGGAAGAACTGGCGGCTTAAGAACATCAACAGCATCA
 ACTTTGACAACCCGCTATCAGAAGACCACAGAGGATGAGGTCCACATTTGCCACAACAGGACGGCTA
 CAGTACCCCTCGAGACAGATGGTCAGTCTGGAGGATGACGTGGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC231378 representing NM_001195800 Red=Cloning site Green=Tags(s) MGPWGWLRLWTVALLAAAGTAVGDR CERNEFQCQDGK CISYKWVCDGSAECQDGSDESQETCLSVTCKSGDFSCGGRVNR CIPQFWRC DGQVDCDNGSDEQGCLTLC EGP NKF KCHSGECITLDKVCNMARDCRDWSDEPIKECGTNECLDNNGGCSHVCNDLKIGYECLCPDGFQLVAQR CEDIDECQDPDTC SQLCVNLEGGYKCQCEEGFQLDPHTKACKAVGSIAYLFFTNRHEVRKMTLDRSEYTS LIPNLRNVVALDTEVASNRIYWSDLQRMICSTQLDRAHGVSSYDTVISRDIQAPDGLAVDWIHSNIYWTDSVLGTVSVADTKGVKRKTLFRENGSKPRAIVVDPVHGFMYWTDWGTAPAKIKKGG L NGVDIYSLVTENIQWPNGITLDLLSGRLYWVDSKLHSSSIDVNGGNRKTILEDEKRLAHPFSLAVFEDKVFWTDIINEAIFSANRLTGSDVNLLAENLLSPEDMVL FHNLTQPRGVNWCERTTLSNGGCQYLCLPAPQINPHSPKFTCACPDGMLLARDMRSLTEAEAAVATQETSTVRLKVSSTAVRTQHTTTRPVPTSR L PGATPGLTTVEIVTMSHQALGDVAGRGNEKKPSSVRALSIVLPIVLLVFLCLGVFLLWKNWRLKNINSINFDPVYQKTTEDEVHICHNQDGYSPSRQMVSLEDDVA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001195800
ORF Size:	2076 bp
Buffer:	PBS with 0.001% Pluronic F9967
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_001195800.1</u>
RefSeq ORF:	2079 bp
Locus ID:	3949
UniProt ID:	<u>P01130</u>
Cytogenetics:	19p13.2
MW:	77.3 kDa