

## Product datasheet for **RC221719A1V**

### Human Low density lipoprotein receptor related protein 10 (LRP10) (NM\_014045) AAV Particle

#### Product data:

<b>Product Type:</b>	AAV Particles
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	LRP10
<b>Synonyms:</b>	LRP-10; LRP9; MST087; MSTP087
<b>Mammalian Cell</b>	None
<b>Selection:</b>	
<b>Vector:</b>	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC221719 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCTGTTGGCCACCCTCCTCCTCCTCCTTGGAGGCGCTTGCCCATCCAGACCGGATTATTTTT  
CAAATCATGCTTGTGAGGACCCCCAGCAGTGCTCTTAGAAGTGCAGGGCACCTTACAGAGGCCCTGGT  
CCGGGACAGCCGACCTCCCCTGCCAACTGCACCTGGCTCATCTGGGAGCAAGGAACAGACTGTCACC  
ATCAGGTTCCAGAAGCTACACCTGGCTGTGGCTCAGAGCGCTTAAACCTACGCTCCCCTCTCCAGCCAC  
TGATCTCCCTGTGTGAGGCACCTCCAGCCCTTGCAGCTGCCCGGGGCAACGTCACCATCACTTACAG  
CTATGCTGGGGCCAGAGCACCTATGGGCCAGGGCTTCTGCTCTCTACAGCCAAGATTGGCTGATGTGC  
CTGCAGGAAGATTTAGTGCCTGAACCACCGCTGTGTATCTGCTGTCCAGCGCTGTGATGGGGTTGATG  
CCTGTGGCGATGGCTCTGATGAAGCAGGTTGCAGCTCAGACCCCTTCCCTGGCCTGACCCCAAGACCCGT  
CCCCTCCCTGCCTGCAATGTCACCTTGGAGGACTTCTATGGGGTCTTCTCCTCTCCTGGATATACACAC  
CTAGCCTCAGTCTCCACCCCCAGTCTGCCATTGGCTGCTGGACCCCATGATGGCCGGCGGCTGGCCG  
TGCGCTTACAGCCCTGGACTTGGGCTTTGGAGATGCAGTGCATGTGTATGACGGCCCTGGGCCCCCTGA  
GAGCTCCGACTACTGCGTAGTCTCACCCACTTCAAGCAATGGCAAGGCTGCTACTGTGGAGACACTGTCT  
GGCCAGGCTGTTGTCTACACACAGTTGCTTGGAGCAATGGTCTGGCTTCAATGCCACCTACCATG  
TGCGGGGCTATTGCTTGCCTTGGGACAGACCCTGTGGCTTAGGCTCTGGCTGGGAGCTGGCGAAGGCC  
AGGTGAGCGCTGTACAGTGAAGCAGCGCTGTGACGGCTCATGGGACTGTGCTGACGGCAGAGATGAG  
GAGGACTGCCAGGCTGCCACCTGGACACTTCCCCTGTGGGGCTGCTGGCACCTCTGGTCCACAGCCT  
GCTACCTGCCTGCTGACCGCTGCAACTACCAGACTTTCTGTGCTGATGGAGCAGATGAGAGACGCTGTCG  
GCATTGCCAGCCTGGCAATTTCCGATGCCGGGACGAGAAGTGCCTGTATGAGACGTGGGTGTGCGATGGG  
CAGCCAGACTGTGCGGACGGCAGTGTGAGTGGGACTGCTCCTATGTTCTGCCCCGCAAGGTCATTACAG  
CTGCAGTCATTGGCAGCCTAGTGTGCGGCTGCTCCTGGTCTCGCCCTGGGCTGCACCTGCAAGCTCTA  
TGCCATTGCAACCCAGGAGTACAGCATCTTGGCCCCCTCTCCCGATGGAGGCTGAGATTGTGCAGCAG  
CAGGCACCCCTTCTACGGGACGCTCATTGCCAGGGTGCATCCACCTGTAGAAGACTTTCCTACAG  
AGAATCCTAATGATAAAGTCAAGTGTGGCAACCTGCGTTCTCTGCTACAGATCTTACGCCAGGATATGAC  
TCCAGGAGGTGGCCAGGTGCCCGCGTGTGACGGGGCCGCTTGTGCGACGCTGGTACGCCGCTCTC  
CGCCGCTGGGGCTTGTCTCCTCGAACCAACACCCCGGCTCGGGCTCTGAGGCCAGATCCAGGTACAC  
CTTCTGCTGCTCCCTTGAAGCCCTAGATGGTGGCACAGGTCCAGCCCTGAGGGCGGGGCAAGTGGGTGG  
GCAAGATGGGGAGCAGGCACCCCACTGCCATCAAGGCTCCCCTCCCCTCTGCTAGCACGCTCTCCAGCC  
CCCCTACTGTCCCTGAAGCCCGGGCCACTGCCCTCACTGCCCTAGAGCCATCACTATTGTCTGGAG  
TGGTGCAGGCCCTGCGAGGCCGCTTGTGCCAGCCTGGGGCCCCAGGACCAACCCGGAGCCCCCTGG  
ACCCACACAGCAGTCTTGGCCCTGGAAGATGAGGACGATGTGCTACTGGTCCCACTGGCTGAGCCGGGG  
GTGTTGGTGTGAGGCAGAGGATGAGCCACTGCTTACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Protein Sequence:</b>	>RC221719 protein sequence Red=Cloning site Green=Tags(s)  MLLATLLLLLLGGALAHDPRIIFPNHACEDPPAVLLEVQGTQRPLVRDSRTSPANCTWLILGSKEQTVT IRFQKHLHACGSERLTLRSPLQPLISLCEAPPSPLQLPGGNVTITYSYAGARAPMGQGFLLSYSQDWLMC LQEEFQCLNHRCSAVQRCDGVDACDGSDEAGCSDPFPGTTPRPVPSLPCNVTLEDFYGVFSSPGYTH LASVSHPQSCHWLLDPHDGRR LAVRF TALDLGFGDAVHVYDGPPESSRLLRSLTHFSNGKAVTVETLS GQAVVSYHTVAWSNGRGNATYHVRGYCLPWDRPCGLGSLGAGEGLGERCYSEARCDGSWDCADGTE EDCPGPPGHFPCGAAGTSGATACYPADRCNYQTFCADGADERRCRHCQPGNFRRCRDEKCVYETWVCDG QPDCADGSDEWDCSYVLPRKVITAAVIGSLVCGLLLVIALGCTCKLYAIRTQEYSIFAPLSRMEAEIVQQ QAPPSYQQLIAQGAIPPVEDFPTENPNDNSVLGNLRSLQLILRQDMTPGGGPGARRRQRGRMLMRRLVRRLL RRWGLLPRNTNTPARASEARSQVTPSAAPLEALDGGTGPAREGGAVGGQDGEQAPPLPIKAPLPSASTSPA PTTVPEAPGPLPSLPLEPSLLSGVVQALRGRLPSLPGPPGTRSPPGPHTAVLALEDEDDVLLVPLAEPG VWVAEAEDEPLLT  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_014045
<b>ORF Size:</b>	2139 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F8388
<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>	<a href="#">NM_014045.3</a>
<b>RefSeq Size:</b>	3252 bp
<b>RefSeq ORF:</b>	2142 bp
<b>Locus ID:</b>	26020
<b>UniProt ID:</b>	<a href="#">Q7Z4F1</a>
<b>Cytogenetics:</b>	14q11.2
<b>MW:</b>	76.2 kDa