

Product datasheet for **RC224569A1V**

Human Lamin B Receptor (LBR) (NM_194442) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Lamin B Receptor (LBR) (NM_194442) AAV Particle
Tag:	Myc-DDK
Symbol:	LBR
Synonyms:	C14SR; DHCR14B; LMN2R; PHA; PHASK; TDRD18
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224569 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCAAGTAGGAAATTTGCCGATGGTGAAGTGGTAAGAGGTCGATGGCCTGGGAGTTCACCTTTATTATG
 AAGTAGAAATTCAGACCACGACGACCTCCAGCTTTACACTGTGAAGTATAAAGATGGAACAGAGCT
 TGAATTGAAAGAGAATGATATTAAGCCTTTAACTTCCTTTAGGCAAAGGAAAGGTGGCTCAACTTCCAGT
 TCCCTTCCAGACGCCGAGGAGTCGATCAAGGTCACGCTCCCGATCCCTGGTCGACCACCTAAAAGTG
 CCCGCCGATCTGCTTCTGCTTCCACCAGGCCGACATTAAGGAAGCAAGGAGGGAAGTGAAGTTAAATT
 GACTCCGCTGATTCTGAAGCCATTTGAAATAGCATCAGCAGATATAATGGGAGCCTGAGCATATTGAG
 AGAAATGACGCACCTCATAAAAAACACAGGAAAAATTCAGTTTGTACAAGAAAGCAGTTACATAGCAA
 CACAGTATAGCCTTCGTCCAAGAAGAGAAGAAGTCAAATTAAGAAATAGATTCTAAGGAAGAAAAATA
 CGTTGCAAAAGAACTGGCAGTGAGAACCTTTGAAGTGACCCCATCCGGGCAAAGGACTTGGAGTTTGA
 GGAGTACCTGGTGTGTTTCTCATCATGTTTGGCCTGCCTGTGTTCTTCTCTGTTGCTGTTGATGTGTA
 AACAGAAAGATCCAGTCTTCTGAATTTCCCTCCTCCTTGGCAGCTTTGTATGAGTTATGGGAAACCAG
 AGTATTTGGGGTCTACCTCCTGTGGTTTTTATTCAAGTCTGTTCTACCTACTGCCAATTGAAAGGTT
 GTAGAAGGAACGCCTCTTATTGATGGAAGAAGACTCAAGTATAGATTAATGGATTCTATGCTTTTATCC
 TGACATCTGCAGTCATCGGAACATCTCTTCCAGGGCGTAGAGTTTCATTACGTGTACAGTCATTTTCT
 TCAGTTTGCACTTGCGGCCACTGTTTTTGTGTGGTCTTGAGTGTGTATCTCTACATGCCTCTTTGAAA
 GCGCCCCGGAATGACCTGTGCCTGCCAGCTCTGGAATGCTGTCTATGATTTCTTATTGGCCGTGAAT
 TAAACCTCGAATTGGTACTTTTGATCTCAAATACTTTGTGAATTGCGCCCCGATTGATTGGATGGGT
 GGTTATTAACCTGGTGATGCTTTTGGCTGAAATGAAAAACAGGACCGCGCTGTTCCATCCTTGGCCATG
 ATTTTAGTTAATAGTTTCCAGCTTCTCTATGTGGTGGATGCTCTCTGGAATGAGGAAGCGTTGTTGACGA
 CCATGGACATCATCCAGATGGATTGGATTCTGCTGGCTTTTGGAGACTTGGTGTGGGTTCCCTTTAT
 TTACAGCTTCAAGCCTTTTATTTAGTCAGTCATCCAAATGAAGTGTCTTGCCAATGGCTTCTCTAATT
 ATTGTTCTGAACTTTGTGGTTATGTAATCTCCGAGGTGCAAATTCAGAAAAATGCATTCGGAAAAA
 ATCCAGTGATCCAAAGCTTGACATTTAAAAACCATTCATACTTCAACGGGAAAAATCTTCTAGTTTC
 TGGATGGTGGGCTTTGTTGCCACCCCAATTACTTGGTGATCTCATCATGGCCTTGGCGTGGTCCCTC
 CCATGTGGTTTAACCACATTCTGCCTATTTCTACATAATTTATTTACCATGTTGCTGTGCCACCGAG
 AAGCTCGTGACGAGTACCACTGTAAGAAGAAATACGGCGTGGCTTGGGAAAAGTACTGTCAGCGTGTGCC
 CTACCGTATATTTCCATACATCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224569 protein sequence
 Red=Cloning site Green=Tags(s)

MPSRKFDGGEVVRGRWPGSSLYEVEILSHDSTSQLYTVKYKDGTELELKENDIKPLTSFRQRKGGSTSS
 SPSRRRGRSRSRSPGRPPKSARRSASASHQADIKEARREVEVKLTPLILKPFNSISRYNGEPEHIE
 RNDAPHKNTQEFSLSQESSYIATQYSLRPREEVKLKEIDSKEEKYVAKELAVRTFEVTPIRAKDLEFG
 GVPGVFLIMFGLPVFLFLLLMCKQKDPSSLNFPPLPALYELWETRVFGVYLLWFLIQVLFYLLPIGKV
 VEGTPLIDGRRLLKYRLNGFYAFILTSVIGTSLFQGVFHYVYSHFLQFALAATVFCVLSVYLYMRSLK
 APRNDLSPASSGNAVYDFFIGRELNPRICTFDLKYFCELRPLIGWVVINLVMLLAEMKIQDRAVPSLAM
 ILVNSFQLLYVDALWNEEALLTMDIHDGFGFMLAFGDLVWVPFIYSFQAFYLVSHPNVSWPMASLI
 IVLKLCSYVIFRGANSQKNAFRKNPSDPKLAHLKTIHTSTGKNLLVSGWWGFVRHPNYLGDILMALAWSL
 PCGFNHILPYFYIYFTMLLVHREARDEYHCKKYGVAWEKYCQRPYRIFPYIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_194442
ORF Size:	1845 bp
Buffer:	PBS with 0.001% Pluronic F8823
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_194442.1</u>
RefSeq Size:	3827 bp
RefSeq ORF:	1848 bp
Locus ID:	3930
UniProt ID:	<u>Q14739</u>
Cytogenetics:	1q42.12
MW:	70.7 kDa