

Product datasheet for **MR207908A1V**

Mouse Lrrc14 (NM_145471) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lrrc14 (NM_145471) AAV Particle
Tag:	Myc-DDK
Symbol:	Lrrc14
Synonyms:	E130306I01Rik; mKIAA0014
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207908 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACACACTTGTGTTCTCAGCACGCGTCAGGTCCTTCAGTGCCAGCCAGCTGCATGCCAGGCCCTGC
 CCTGCTGCCCGGGAACCTCTCCCTCTGCTCTTCAAGGTGGCTTTCATGGACAAAAAGACGCTTGTGCT
 GCGTGAGCTAGTCACACGTGGCCCTTTCCCTGCTCAGCTTCCAGCAGCTGCTGCAGGAGTGTGCCAC
 TGCAGTCGAGCCCTGCTGCAGGAGCGGCTCAGCACAGAAAGCATGCAGGCTGTGATCCTGGGGCTGACAG
 CTCGGATTCACTCAAGAAACAGAGGCTGGCAGCAGCCCTTGTGCAGGAAGCATGCATTGCGGGTTCT
 GGACATGACGGGTCTCCTGGATGATGGTGTGGAGCAGGATCCTGAAACCATGAGCATGTGGGACTGTACA
 GCCGCTGTAGCCAGAACGTGCATTGCCAGCAGCAGGGTGGGACTGCCAGCCAGGGCTGTACCACTCC
 CCGTGGAAATCCGAGTAGACCTTCGGGTAAACCGGGCTCGTACACATTCCTTCGTGAGGCCCTCCAAAG
 CAGTGTGGCCAGCCCGCTGCGGCTGTGCTGCCGGGACCTGCGGGCTGAGGATCTACCCATGCGTAACACT
 GTGGCCCTGCTACAGCTTTTAGATGCAGGCTGTCTGCGCCGGATAGACCTGCGCTTCAATAACCTGGGCT
 TCGGTGGCCTGTCTGTCATTATCCACATGTGGCCCGCTTTCAGCACTTAGCTAGCCTGAGGCTGCACTA
 CGTGCATGGGGACTCAAGACAGCCTTCCGTGGACGGGAGGACAACTTTCGCTACTTTCTGGCCAGATG
 GGCCGGTTTATGTGCTTCGGGAGCTCAGCATGGGGTCTTCTCTCCTTTCAGGAGGCTGGATCAACTGC
 TCAGCACCTGCAGAGGCCCTGGAAAGCCTAGAACTGGCCTTCTGTGCGCTCTTGCTGAGGACCTACG
 CTTCTGGCTCAGAGTTCTCATGCTGCCATCTCAAAAAGTTGGATTTGAGTGGCAACGACCTGTACAGG
 AACCAGTTGACACCCTTCCAGGCTGCTGCAGGAGTAGCCACCACACTGCTGCATCTTGAGCTGACTG
 AGTGCCAGCTTGTGATGCCAGCTGTTGGCTACCCTGCCACCCTCACTCGATGTGCCAGTCTCCGCTA
 CCTTGGTCTCTATGGCAACCCTTTGTCTATGGCAGGACTTAAAGAACTGCTTCGGGACTCTGTGGTACAG
 GCTGAGCTACGTACCGTGGTACCCCTTCCCTGTGGACTGCTATGAGGGTCTTCTTGCCACCACCTG
 CCTCTGCTCTTCTGGAAGCCTCCATCAATGAGGAGAAGTTGCCCGGGTGAAGCTGAGTTACACCAACT
 GCTGTTAGCTTCGGGCGCTGCCATGTGCTCTGGACCACAGACATCTATGGCCGGCTAGCTGCAGACTAT
 TTTAGCCTC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207908 protein sequence
 Red=Cloning site Green=Tags(s)

MHTLVFLSTRQVLQCQPAACQALPLLPRELFPLLFKVAFMDKKTLLVRELVHTWPFLLSFQQLLQECAH
 CSRALLQERLSTESMQAVILGLTARIHTQETEAGTQPLCRKHALRVLDMTGLDDGVEQDPETMSMWDCT
 AAVARTCIAQQQGGTAEPGLSPVPVEIRVDLRVNRASYTFLREALQSSVASPLRLCCRDRAEDLPMRNT
 VALLQLLDAGCLRRIDLRFNGLRGLSVIIPHVARFQHLASRLHYVHGDSRQPSVDGEDNFRYFLAQM
 GRFMCLRELSMGSSLLSGRLDQLLSTLQRPLESLELAFCALLPEDLRFLAQSSHAHLKKLDLSGNDLSG
 NQLTPFQGLLQAVATLLHLELTECQLADAQLLATLPTLTRCASLRYLGLYGNPLSMAGLKELLRDSVVQ
 AELRTVHPPFPVDCYEGLPWPPASVLLLEASINEEKFARVEAELHQLLLASGRAHVLWTTDIYGRLAADY
 FSL

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_145471

ORF Size:

1479 bp

Buffer:	PBS with 0.001% Pluronic F68
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_145471.2</u>
RefSeq Size:	2277 bp
RefSeq ORF:	1482 bp
Locus ID:	223664
UniProt ID:	<u>Q8VC16</u>
Cytogenetics:	15 D3
MW:	55 kDa