

Product datasheet for MR218789

Lvrn (NM_029008) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lvrn (NM_029008) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lvrn
Synonyms:	4833403I15Rik; APQ; Aqpep
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR218789 representing NM_029008 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC

ATGAGCCGTCCTTTAGCTCCGGCGTCTATGTGAGCCGCGGGTGGCCCTGCTGCTGGCCGCGCTGACAGCCGTGCTCTGCTGGTGTAGTGGCTCTGGCTTCTTGTATGGCAGCTGCGCTCACGTCCAGCCTTCGGA
GCAGGGTAACCCCGGTGAAGAACACCTCATTGTGGCCTCCCGCGGCCAGGAGTGGGCGCTACCAACC
CCCGCACAGGAGCCACGGTGGGACCTCCAAGACTTGGACCTCCGTCGGGGCCCTGGGATCATCTGC
GCCTGCCTCCCTGGCTTGTCCACTTCACTATGATCTGGAGCTGTGGCCCTGGCTGCAGCCGGATAAGCT
GTCCCCACCGAATTTGACCTTACGGGTGCGGTGAACATCACGGTACGCTGCACAGTGGCCCTCTCGAGA
TTGTTGCTGCATAGCTTCTTCTGAATTACAAGCAAGTGAAGTGTGGGTCTCTGGCCAGGACACTA
GGAACGCCACTGTAGGCCGCGTGCAGGTGGAGAAAGTGTGGTTTTCGCGCCGACATGCAATTCGTGGTGTCT
GGATCTGGGCCAATCCTTGGAGCCAGGTAGCAGATATGAGCTGAGTTTCCACTTCTCTGGCCAGGTGCTT
CAGGTTGGCTTAGAAGGGCTCTTCTGAACCTCTACCATGATGAAGATGAGCTCAGAGCCCTGGTAGCGA
CTCAAATGGAGCCAACATTTGCCAGGCATGTTTTCCCTTGTTTGATGAGCCAGCTCTAAAGGCACTTT
TAATATTACAGTTATCCATCATCTGGGTATGCGGCTCTTCCAATATGCCCCAGCTGGTCACTGAA
AGAATCGATGTGAATGGAAGCAGATGGACTGTCACTACCTTCCATACCACACCCCGCATGCCAACGTACC
TTGTTGCCCTTGTGTGTGACTTAGACCACATCAGCAGAAGTGAAGAGGCAAGGAGATACGTGTCTG
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TTTCTGGAGGATCTGTTAATATCAGTTATCGGCTTCCAAAAACAGATATAGTTGCCTTGCCATTTTTG
CCAGCGCGCCATGGAGAACTGGGCGCTTGTGATATTTGACGAATCGTCCCTGCTCCTGGAACCTGAGGA
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TCTCGGAGAAGATCATGCCCTGGAGTCTAGAGCTGTGTCCACTGCAGTGGAAAATTTACAGAAAACAAGC



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GAATAAACAGACTCTTTGACTTATATACTTACAAGAAGGGAGCATGCATGGCCTGGATGCTTGCTAGTT
 TCCTGAGCCCGCACTTGTTTATCAACGCACTTAAGTCTTATTTGGAGACATTTTCTTACTCAAATGCTGA
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 TAGTGAACAAATATAATAGTTGTTGTAGCAACATCTGAAGTTGGCCGGTACATTGCAAAGGACTTTCTA
 ATGGACAACCTGGGTAGCTGTGACTGAAAGGTATGGAATGGATTGGCTGGATGCTCTAGTGCCTGTCTTAG
 GGAGGACCGTCAGTACAGATCAGCAGGTACAGAGTTGCAGCACTTCTTTCAGTACTGTGTTGGAAGAGCA
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 GCCAGGGTGGTTGAGTGGCTTCGGAAAAACCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGGTTTAA

Protein Sequence:

>MR218789 representing NM_029008
 Red=Cloning site Green=Tags(s)

MSRPFSSGVVSRGVALLLAAL TAVLLL VLVALASL YGSCAHVQPSEQGNRSRVKNTSLWPPGGQEWALPT
 PAQEPTVGTSQLGPPSPGPDHLRLPPWLVPLHYDLELWPWLQDPKLSPPNLTFTGRVNITVRCVASSR
 LLLHSLFLNLYQVEVWGPLAQDTRNATVGRVQVEKVFAPDMQFVVLDLGQSLEPGSRYELSFHFSGQVL
 QVGLEGLFLNLYHDEDELRALVATQMEPTFARHVFPCFDEPALKATFNITVIHHPGYAALSMPQLGQSE
 RIDVNGSRWTVTTFHTTTPRPTYLVALVCDLDHISRTERGKEIRVWARKDDIASGYLDFAAANITGPIFS
 FLEDLFNISYRLPKTDIVALPIFASGAMENWGLLIFDESSLLEPEDELTEKRAMILSIIAHEVGHQWFG
 NLVTMSWNNIWLNEGFASYFELELTNYFYPKVPMMIFFFTVLHGILGEDHALESRAVSTAVENFTETS
 EINRFLDYTYKKGACMAWMLASFLSPHLFINALKSYLETFSYSNAEQDDLWRHIQMAIGE QNVTHLPAT
 VKGIMDSWTHRGGFPIITVNVSTGVVKQEPFYLDKVENQTLTSHNSTWIVPIFWMKNGIPQPLVWLDKSN
 MMFPGMKLSDSDSDWVILNFNVTGYRNVYDELGWKCLSEQLKDPKAIPIVINRLQLVSDAFALTKNNYI
 EIETALDLTKYIAEEDILVWFVLLNLINREVIYDVNNYALYPLLKYLKRFNSIWNYSIAIIRENVA
 SLQDNYLSLFSLERIFETACWLGLEDCQLSRELFFKWT AHPETAIPPQIENAVLCSAVALGSDKDWDFL
 FNLYINTTEEDESRRRLVHAMSCSKDPWILNRFMEYAITAVSSNFSETNIIVVVATSEVGRYIAKDFL
 MDNWWAVTERYGMWLDALVPVLGRTVSTDQQVTEHQHFFSTVLEEHRVQVQAKLQAMKTKNLQNKRI
 ARVVEWLRKNT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9002_f04.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_029008

ORF Size: 2973 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

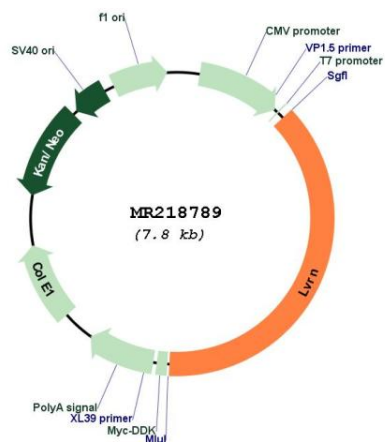
RefSeq: [NM_029008.1](#), [NP_083284.1](#)

RefSeq Size: 3219 bp

RefSeq ORF: 2976 bp

Locus ID: 74574
 Cytogenetics: 18 C
 MW: 113.8 kDa

Product images:



Circular map for MR218789