

Product datasheet for **MR222299**

Lin9 (NM_001103182) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lin9 (NM_001103182) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lin9
Synonyms:	2700022J23Rik; Bara; Lin-9; mLin-9; TGS; TGS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR222299 representing NM_001103182
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACCGGGCGGGCAGCCTTTGAAAAAGCGGCGGGCTCGTTCAAGATGGCGGAGCTCGACCAGTTGC
 CTGACGAGAGCTCTTACGCAAAAGCCCTTGTAGTTTAAAAGAGGGAAGTTTATCTAACACATGGAATGA
 AAAGTACAGTTCTTTACAGAAAACCTCTGTTTGGAAAAGGAGGAATGCGGGCCCTGCTGTAGAAATGCCT
 TTCAGAAATTCAAAAAGAAGTCGACTCTTTTCTGATGAAGATGACAGACAAATAAATACAAAGTCACCTA
 AAAGAAACCAGAGAGTGGCAATGATCCACAGAAATTTACAGCAACGATGTCAACACCAGATAAGAAAGC
 ATCACAGAAGATTGGTTTTCGATTACGGAACCTACTCAAGCTTCCCAAAGCACATAAGTGGTGCATATAT
 GAGTGGTTCTACTCAAACATAGACAAGCCACTTTTTGAAGGAGATAATGACTTTTGTGTATGCCTAAAGG
 AATCCTTTCTAATTTGAAAACAAGAAAATTAACAAGAGTAGAATGGGGAAAAATCAGGAGACTGATGGG
 AAAACCTCGGAGATGTTCTTCTGCATTTTTGAGGAAGAGAGATCAGCCTTAAAACAGAAGCGGCAGAAA
 ATCAGGCTGTTACAACAAGGAAAGTTGCAGATGTTTCACAGTTCAAAGATCTCCCGGATGAAATCCCTC
 TACCCCTGGTTATTGGAACCAAAGTTACAGCGGGTACGTGGCATTACAGATGGCCTGTTTACTGGTCA
 GATAGATGCAGTGGACACTCTTAATGCTACTTACAGAGTAACTTTTCGATAGGACAGGCCTTGGGACTCAC
 ACCATTCTGACTATGAAGTTCTTAGTAATGAGCCTCATGAGACAATGCCAATCTCTGCCTTTGGACAAA
 AACAGCGGCCTTCTCGGTTTTTATGACCCCCACGGTTACATTATACCCCTCCTCTCCAGTCACCAAT
 TACAGATGGCGATCCTTTACTGGGGCAGTACCTTGGAGAAGTAAAGTTTCTGGCTCTGACACGGAGACG
 TTAGGAGCCTTCCAGTGAATTCCTTATCCAGGTGACTAAGTTATCAAAAATTCATGATTAATAAAAG
 AGCATATAAAGAAATTAAGGGAGATGAACACAGAAAGCAGAAAAGCTGAAATCCTATTCCATGCCCATTTGG
 CATTGAGTTTACGCGGAGATACGCAACGATCGTCTGGAGCTTGAGCAGCTGAACAAGGACCTGAACAAA
 GTTCTGCATAAAGTTCAGCAGTATTGCTATGAGCTTGACCCAGACCAGGGACTCCAGCCTGCCGATCAGC
 CAACAGACATGAGACGGAGGTGTGAGGAAGAAGCCAGGAAATCGTCCGCAAGCCAACTCGTTCGCGG
 ACAGCCCTGTGTAGAAAACGAAAATCTGACGGACTTGATCTCCAGGCTCACTGCGATTTTATTACAAAT
 AAGTGTCTGGCAGAGGGAGGAGACCTGAATTCCTTTGAATTCAAATCTCTCACAGATTCAATAATGACA
 TAAAAACACAATAGATGCTTCTAATATCAGTTGTTTTTCAAGATAACGTAGAAATCCATGTTGCACATAT
 CCAGATGGCCTGAGTCAGATGGGAACTTACACGCCTTTGCAGCCAACAACACGAAACAGAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222299 representing NM_001103182
 Red=Cloning site Green=Tags(s)

MHRGGQPLKRRGSFKMAELDQLPDESSAKALVSLKEGSLSNTWNEKYSSLQKTPVWKGRNAGPAVEMP
 FRNSKRSRLFSEDDDRQINTKSPKRNQVRVAMIPQKFTATMSTPDKKASQKIGFRLRNLLKLPKAHKWCIIY
 EWFYSNIDKPLFEGDNDFCVCLKESFPNLKTRKLTRVEWGIKIRRLMGKPRRCSSAFFEERSALKQKRQK
 IRLQQRKVADVSQFKDLPDEIPLPLVIGTKVTARLRGIHDGLFTGQIDAVDTLNATYRVTFDRTLGLGTH
 TIPDYEVLSNEPHETMPSAFGQKQRPSPRFFMTPPRLHYTPPLQSPITDGDPLLQSPWRSKVSQSDTET
 LGGFPVEFLIQVTKLSKILMIKKEHIKKLREMNTAEKLSYSMPIGIEFQRRYATIVLELEQLNKDLNK
 VLHKVQQYCYELAPDQGLPADQPTDMRRRCSEEAQEIVRQANSASGQPCVENENLTDLISRLTALLLQI
 KCLAEGGDLNSFEFKSLTDSLNDIKNTIDASNISCFQNNVEIHVAHIQSGLSQMGNLHAFANNTNRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9044_a11.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001103182

ORF Size: 1674 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_001103182.2](#), [NP_001096652.2](#)

RefSeq Size: 2996 bp

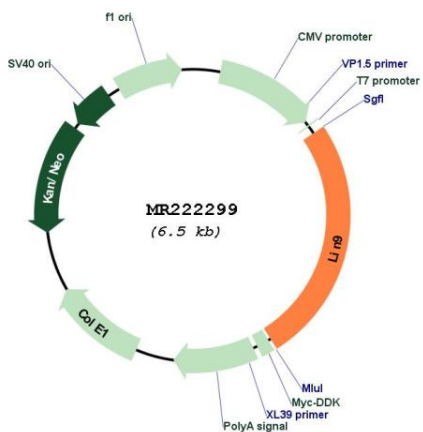
RefSeq ORF: 1677 bp

Locus ID: 72568

Cytogenetics: 1 H4

MW: 62.2 kDa

Product images:



Circular map for MR222299