

Product datasheet for **MR209193**

Lingo3 (NM_001013758) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Lingo3
Synonyms:	AI851712; LERN2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR209193 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACCTGCTGGCTGCACATGCTGGGCTGCACTTGCTGCTGCTGCCCACAGCGCCCTGGCCGAGGCT
 GCCCGGCACGCTGCGAGTGCTCCGCATCCACCCGCACTGTGGCCTGTGGGCGCCCGGCTGACAGCCAT
 CCCCAGGGGATCCCGGCCGAACTCGCATGCTGGAGCTGAGCCGCAACCGCATCCGCTGTCTGAACCT
 GGGGACCTGGCCTCGTTCCCAACCTGGAGGAGCTGGACCTCAACCATAATGTATTGCCACGTGGAAC
 CTGGGGCCTTCGCCAACCTGCCCGCCTGCGGCTCTGCGTCTCCGTGGCAACAGCTGAAGCTCATCCC
 GCCAGGCGTGTTCACGCATCTGGACAGCCTCACGCTGCTGGACCTGAGCGAGAACAAGCTGGTCATCCTG
 CTGGATTTACGTTCCAGGACCTGCGCAGCCTGCGAGGCTGGAGGTGGCGACAATGACCTGGTGTTC
 TCTCCCGCAGGGCCTTTCGGGGCTGTTGGGGCTGGCTGAGCTCACGCTGGAGCGCTGCAATCTCACATC
 ACTGTCCCGGAGTCGCTGGGTACCTGCGGGCTTGGGCGCTGCGCCTGCGCCACCTGGCCATCGCC
 GCCCTGGAGGACCAAGATTTCCAGAAGCTTCCAGGACTCTCGCATCTGGAGATCGACAACCTGGCCGCTGC
 TGGAGGAGGTGGCCCCGGGCGAGCCTGCGTGGGCTGAACCTCACGTCGTTGTCCATCACACACCAACAT
 CACGGCTGTACGGCCGCTGCGCTGCGACAGCAGGCCACCTCACGTGCCTCAACCTGTGCGACAACCCC
 ATCAGCATGGTGCCACGCGGCTCCTTCAGAGACCTGGTGGCCTGCGTGAGCTGCACCTAGCAGGAGCCC
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 CCTGCTGTCCACACTGGAGGAGAACACATTCCACTCGGTGAACACGCTCGAGACGCTGCGCGTGGACGGC
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 GGCTCCCCGCTGCGCCACCCCGCGAGGTGCGCGGCGACGCCCTGCACAATCTCCCGACTCTGTGCT
 CTTGAGTACTTCTGTGTCGCAAGCCCAAGATCCGGGAGAGGCGGCTGCAGCATGTGACCGCCACCGAG
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 AGCACCACTCGGTTACGGCTGCCAGCCGGGGCGGGCACGCGTGTGCTGGGGGACCCCTGACCATCGC
 GGACAGCGGGCCCCAGGACAGTGCCACCTACACATGTGTGGCAGCAACGCCGGGGTAACGACACTTAT
 TTCGCCACCTTGACCGTCCAGCCGGCGCCCAACCGGACCCAGGGCGATGGGCACAACGAGACGCAAGTGG
 GCGTCCGGTTCGCGCTGGACCTCACCACTTCTGTGTCCACCGCATGGGGTGACATCACCTTCTGCGG
 CGTGGTCTCTTCTGTTTCTGCTGCTTTTGTGTGGAGCCGTGGCGCGGACAGCACAAGAATAACTTC
 TCTGTGGAATATTCCTTCGTAAGGTGGACGTCGCGGCTGCGGCTGGCCAGGGTGGTGGCGCAAGT
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 TTACAAGGATGACGACGATAAGGTTTAA

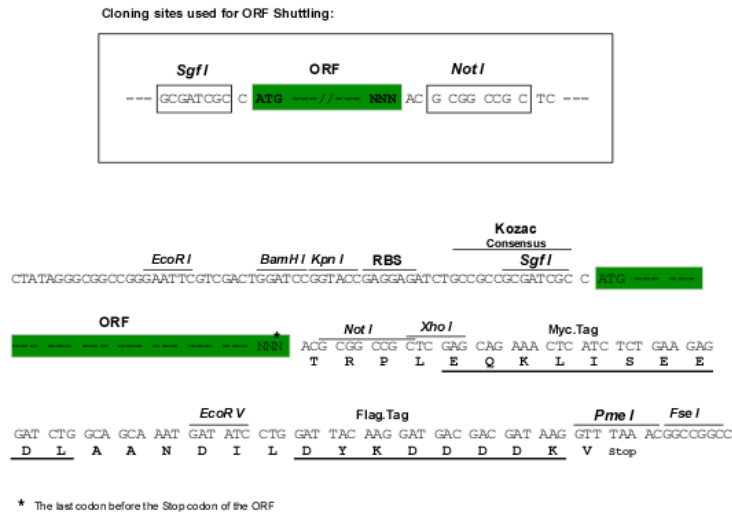
Protein Sequence: >MR209193 protein sequence
 Red=Cloning site Green=Tags(s)

MTCLHMLGLHLLLLPTAPLAAGCPARCECSASTRTVACGRRRLTAIPEGIPAETRMLELSRNRIRCLNP
 GDLASFPTLEELDLNHNVIHVEPGAFANLPRLRVLRRLRGNQLKLIPPGVFTHLDSLTLDDLSENKLVIL
 LDFSQDLRSLQRLEVGDNLDLFISSRAFAGLLGLAELTLERCNLTSLSPESLGHRLGLALRLRHLAIA
 ALEDQNFQKLPGLSHLEIDNWPLLEEVAPGSLRGLNLTSLSIHTNITAVPAAALRQQAHLTCLNLSHNP
 ISMVPRGSFRDLVRLRELHLAALLAVIEPQAFVGLRQIRLLNLSNLLSTLEENTFHSVNTLETLRVDG
 NPLACDRLWIVQRRKTLNFDGRLPACATPAEVRGDALHNLPSVLFEYFVCRKPKIRERRLQHVATE
 GDDVRFCLRAEGEPAPTVAVWTPQHHSVTAASRGRARVLPGGTLTIADTRPQDSGTYTCVASNAGGNDTY
 FATLTVQPAANRTQGDGHNETQVGVRFPLDLTILVSTAMGCITFLGVVLCFLLLFVWSRGRGQHKNNF
 SVEYSFRKVDGPAAGQGGARKFNMKMI

TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-NotI

Cloning Scheme:



ACCN: NM_001013758

ORF Size: 1767 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).

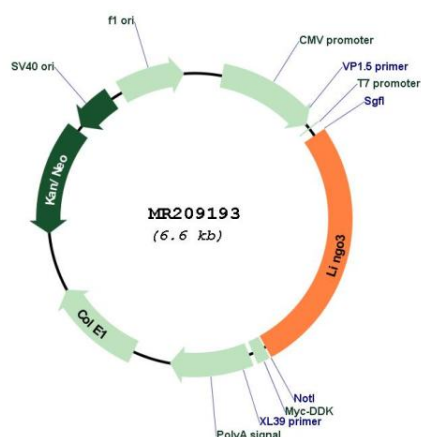
Reconstitution Method:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001013758.1](#), [NP_001013780.1](#)

RefSeq Size:	3456 bp
RefSeq ORF:	1770 bp
Locus ID:	237403
UniProt ID:	Q6GQU6
Cytogenetics:	10 C1
MW:	64.7 kDa

Product images:


Circular map for MR209193