

Product datasheet for **MC219663**

Lingo2 (NM_175516) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lingo2 (NM_175516) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lingo2
Synonyms:	B230217C06Rik; Lern3; Lrrn6c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219663 representing NM_175516
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCACACGGCTATACCATGCTGGCAGCCATTCTGGGTCTGGCTGTGGTGTACTCTTAATGGGAT
 CCACCATTGGCTGCTCTGCTCGCTGTGAGTGCTCCGCCAGAACAATCTGTTAGCTGCCACAGAAGACG
 ATTGCTCGCGATCCCAGAAGGCATTCCATTGAGACAAAATCTTGGACCTGAGCAAAAATCGACTAAAG
 AGCATAAACCTGAAGAGTTCATCTCATCTCTGTTGGAGGAGATAGACTTGAGCGACAACATTATTG
 CCAATGTGGAGCCTGGGGCATTAAACAATCTTTAACCTGCGTTCCTCCGCCTAAAAGGCAATCGCCT
 TAAGTTGGTCCCTTAGGAGTATCACAGGACTGTCCAACCTCACCAAGCTTGACATTAGTGAGAATAAG
 ATTGTCATTTTGTGGACTACATGTTCCAGGATCTGCATAACCTGAAGTCTCTAGAAGTGGGGGACAATG
 ATTTAGTGTATATCTCACACAGGGCCTCAGCGGACTACTTAGCTGGAGCAGCTCACCTGGAGAAGTG
 CAACTTGACAGCAGTACCAACAGAAGCCCTTTCCCATCTCCGAGCCTCATCGCCTGCATCTGAAGCAT
 CTAATATCAACAATATGCCTGTGTATGCCTTTAAAAGATTGTTCCACCTGAAAAACCTAGAGATCGACT
 ATGGCCCTTTGTTGGATTGATGCCAGCCAACAGCCTCTATGGTCTCAACCTCACGTCCCTTTCAATCAC
 CAACACCAACCTGTCCACTGTCCCTTCTCGCCTTTAAACACCTTGATACCTGACCCACCTTAACCTC
 TCCTACAATCCCATCAGCACTATTGAAGCTGGCATGTTCTCTGACCTGATCCGCCTACAGGAGCTCATA
 TAGTGGGGGCCAGCTCCGCACTATTGAGCCTCACTCCTTCCAAGGGCTCCGCTTCTCCGTGTGCTCAA
 TGTATCTCAGAACCTGCTGGAACATTGGAAGAGAAGCTTTCTCCTCCCTAGGGCTTTGGAGGTCCTG
 AGCATTAAACAACAACCCACTAGCCTGTGACTGCCGACTCCTCTGGCTCTGCAGCGACAACCAACCTGC
 AGTTTGGGGGCCAGCAGCCCATGTGTGCTGGGCCAGACACCACCGTGAGAGATCATTTAAGGATTTCCA
 TAGCACTGCTCTTTCTTTTATTTTACCTGCAAAAAACCCAAAATCCCGTAAAAGAAGTTACAGCATCTC
 CTCGTGGATGAAGGGCAAACGGTCCAGCTGGAGTGCAACGCTGATGGAGACCCGAGCCCGTGATTTCT
 GGGTGACACCTCGAAGGCGTTTTATCACCAAGTCCAACGGAAGGGCCACTGTGTTGGGTGATGGCAC
 CTTGGAATCCGTTTTGCCAGGATCAAGACAGTGGGATGTATGTTTGCATCGCGAGCAACGCTGCTGGG
 AACGATACCTTACAGCATCTCTACTGTGAAGGGATTACGTCAGACCGCTTCTTTACGCAAACAGGA
 CCCCTATGTACATGACTGACTCCAACGACACCGTTTCCAACGGCACTAATGCCAATACTTTCTCCCTGGA
 CCTTAAAAAATACTGGTATCTACAGCCATGGGCTGTTTACATCTCTGGGAGTGGTTTTATTTGTTTT
 CTCCTTCTTTTGTGTGGAGCCGAGGGAAGGCAAGCACAAAAACAGATTGACCTTGAGTATGTGCCCC
 GAAAAACAATGGTGCTGTTGTGGAAGGGAGGTGGCTGCCCCAGGAGTTCAACATGAAATGATCTA
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175516

Insert Size: 1821 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_175516.4](#), [NP_780725.2](#)

RefSeq Size: 3669 bp

RefSeq ORF: 1821 bp

Locus ID: 242384

UniProt ID: [Q3URE9](#)

Cytogenetics: 4 A5