

## Product datasheet for **MC219666**

### Lingo2 (NM\_001166000) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lingo2 (NM_001166000) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lingo2
Synonyms:	B230217C06Rik; Lern3; Lrrn6c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219666 representing NM\_001166000  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTTCACACGGCTATACCATGCTGGCAGCCATTCTGGGTCTGGCTGTGGTGTACTCTTAATGGGAT  
 CCACCATTGGCTGTCTGCTCGCTGTGAGTGCTCCGCCAGAACAATCTGTTAGCTGCCACAGAAGACG  
 ATTGCTCGCGATCCCAGAAGGCATTCCATTGAGACAAAATCTTGGACCTGAGCAAAAATCGACTAAAG  
 AGCATAAACCTGAAGAGTTCATCTCATCTCTGTTGGAGGAGATAGACTTGAGCGACAACATTATTG  
 CCAATGTGGAGCCTGGGGCATTTAACAATCTCTTTAACCTGCGTTCCTCCGCCTAAAAGGCAATCGCCT  
 TAAGTTGGTCCCTTAGGAGTATTCACAGGACTGTCCAACCTCACCAAGCTTGACATTAGTGAGAATAAG  
 ATTGTCATTTTGTGGACTACATGTTCCAGGATCTGCATAACCTGAAGTCTCTAGAAGTGGGGGACAATG  
 ATTTAGTGTATATCTCACACAGGGCCTCAGCGGACTACTTAGCTGGAGCAGCTCACCTGGAGAAGTG  
 CAACTTGACAGCAGTACCAACAGAAGCCCTTTCCCATCTCCGAGCCTCATCGCCCTGCATCGAAGCAT  
 CTAATATCAACAATATGCCTGTGTATGCCTTTAAAAGATTGTTCCACCTGAAAAACCTAGAGATCGACT  
 ATGGCCCTTTGTTGGATTGATGCCAGCCAACAGCCTCTATGGTCTCAACCTCACGTCCCTTTCAATCAC  
 CAACCAACCTGTCCACTGTCCCTTCTCGCCTTTAAACACCTTGATACCTGACCCACCTTAACCTC  
 TCCTACAATCCCATCAGCACTATTGAAGCTGGCATGTTCTCTGACCTGATCCGCCTACAGGAGCTCATA  
 TAGTGGGGGCCAGCTCCGCACTATTGAGCCTCACTCCTTCCAAGGGCTCCGCTTCTCCGTGTGCTCAA  
 TGTATCTCAGAACCTGCTGGAACATTGGAAGAGAAGCTTTCTCCTCCCTAGGGCTTTGGAGGTCCTG  
 AGCATTAAACAACAACCCACTAGCCTGTGACTGCCGACTCCTCTGGCTCCTGCAGCGACAACCAACCTGC  
 AGTTTGGGGGCCAGCAGCCATGTGTGCTGGGCCAGACACCATCCGTGAGAGATCATTTAAGGATTTCCA  
 TAGCACTGCTCTTTCTTTTTTATTTTACCTGCAAAAAACCCAAAATCCCGTAAAAGAAGTTACAGCATCTC  
 CTGTTGGATGAAGGGCAAACGGTCCAGCTGGAGTGCAACGCTGATGGAGACCCGAGCCCGTGATTTCT  
 GGGTGACACCTCGAAGGCGTTTTATCACCAAGTCCAACGGAAGGGCCACTGTGTTGGGTGATGGCAC  
 CTTGGAATCCGTTTTGCCAGGATCAAGACAGTGGGATGTATGTTTGCATCGCGAGCAACGCTGCTGGG  
 AACGATACCTTACAGCATCTCTACTGTGAAGGGATTACGTCAGACCGCTTCTTTACGCAAACAGGA  
 CCCCTATGTACATGACTGACTCCAACGACACCGTTTCCAACGGCACTAATGCCAATACTTTCTCCCTGGA  
 CCTTAAAAAATACTGGTATCTACAGCCATGGGCTGTTTACATTCCTGGGAGTGGTTTTATTTGTTTT  
 CTCCTTCTTTTGTGTGGAGCCGAGGAAAGGCAAGCACAAAAACAGCATTGACCTTGAGTATGTGCCCC  
 GAAAAACAATGGTGTGTTGTGGAAGGGAGGTGGCTGGCCCCAGGAGTTCAACATGAAATGATCTA  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001166000

**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\\_001166000.1](#), [NP\\_001159472.1](#)

**RefSeq Size:** 4101 bp

**RefSeq ORF:** 1821 bp

**Locus ID:** 242384

**UniProt ID:** [Q3URE9](#)

**Cytogenetics:** 4 A5