

Product datasheet for **RN207728**

Lingo2 (NM_001107926) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lingo2 (NM_001107926) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lingo2
Synonyms:	RGD1310773
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207728 representing NM_001107926
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCACACGGCTATACCATGCTGGCAGCCATTCTGGGTCTGGCTATGGTGTACTCTTCATGGGAT
 CCACCATTGGCTGTCTGCTCGCTGTGAGTGCTCTGCCAGAACAAATCTGTTAGCTGCCACAGAAGACG
 CTTGATCGCGATCCCGAAGGCATTCCATTGAGACAAAATCTTGGACCTGAGCAAAAATCGACTAAAG
 AGCATAAACCCGAAGAATTCATCTCATCTCTGTTGGAGGAGATAGACTTGAGCGACAACATCATCG
 CCAATGTAGAACCTGGGGCATTAAACAATCTTTAACCTGCGTTCCTCCGCCTAAAAGGCAATCGCCT
 TAAGTTGGTCCCTTTGGGAGTATTCACGGGACTGTCCAACCTCACCAAGCTTGACATTAGTGAGAATAAG
 ATTGTCATTTTGTGGACTACATGTTCCAGGATCTGCATAACCTGAAGTCTCTAGAAGTGGGGGACAATG
 ATTTGGTTTATATACACACAGGGCCTTCACTGGACTATTTAGCTTGGAGCAGCTCACCTGGAGAAGTG
 CAACTTGACAGCGGTACCAACAGAAGCCCTTTCCCATCTCGCAGCCTCATCACCTGCATCTGAAGCAT
 CTAATATCAACAATATGCCTGTGTATGCCTTTAAAAGATTATCCACCTGAAACAACCTAGAGATCGACT
 ATTGCCATTGCTGGATATGATGCCAGCAATAGCCTCTATGGTCTCAACCTCACATCCCTCTCGATCAC
 TAACACCAACCTGTCCACTGTCCCTTTCTCGCCTTTAAACACCTTGATACCTGACCCACCTTAACCTC
 TCCTACAATCCCATCAGCACTATTGAAGCAGGCATGTTCTCTGACCTGATCCGCCTACAGGAGCTTCATG
 TAGTCGGGGCCAGCTCCGCACCATGAACCTCACTCCTTCCAAGGGCTCCGCTTCTCCGCGTGTCAA
 TGTATCTCAGAACCTGCTGGAACATTGGAAGAGAATGTCTTCTTCCCTAGGGCTTTGGAGGTCCTG
 AGCATTAAACAATAACCCACTAGCGTGCAGCTGCCGACTTCTCTGGCTCCTGCAGCGACAGGCCACCCTGC
 AGTTTGGAGGCCAGCAGCCATGTGTGCCGGGCCAGACACCACAGTGAGAGGTCAATTAAGGATTTCCA
 TAGCACTGCTCTTCTTTTATTTTACCTGCAAAAAACCCAAAATCCCGTGAAGAAGTTACAGCACCTC
 CTAGTGGACGAAGGACAGACGGTCCAGCTGGAGTGCAACGCGGATGGAGACCCCAAGCCCGTGATTTCT
 GGGTGACACCTCGAAGGCGTTTTATCACCAAGTCCAACGGAAGGGCCACTGTGTTGGGTGATGGCAC
 CTTAGAAATCCGTTTCGCCAGGATCAAGACAGTGGGATGTATGTTTGCATAGCTAGCAATGCTGCTGGG
 AATGACACCTTACGGCATCTCTACTGTGAAGGGATTCACTTACAGCCGCTTCTTTACGCAAACAGGA
 CCCCTATGTACATGACTGACTCCAATGACACCGTTTCCAACGGCACTAATGCCAATACTTTTCCCTGGA
 CCTTAAAAACAATACTGGTATCTACAGCCATGGGCTGTTTACATCTCTGGGAGTGGTTTTATTTGTTTT
 CTCCTTCTTTTGTGTGGAGCCGAGGAAAGGGCAAACAAAAACAGCATTGACCTTGAGTATGTGCCCC
 GAAAAACAATGGTGTGTTGCAGAAGGGGAGGTGGCTGGACCCAGGAGTTCAACATGAAATGATATA
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107926
- 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_001107926.1](#), [NP_001101396.1](#)

RefSeq Size: 2941 bp

RefSeq ORF: 1821 bp

Locus ID: 313156

Cytogenetics: 5q21