

Product datasheet for **RN204544**

Lingo1 (NM_001100722) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lingo1 (NM_001100722) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lingo1
Synonyms:	Lrrn6a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204544 representing NM_001100722
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGTGAGCGAGAGGATGCTGGCAGGGGGTATGAGAAGCATGCCAGCCCCCTCTGGCCTGTGGC
 AGCCCATCTCTGCTGGTCTGGGCTCTGTGCTGTGAGCTCCGCCACCGGCTGCCCGCCCGCTGCGA
 GTGCTCAGCGCAGGACCGAGCAGTGTCTGTACCCGCAAGCGCTTTGTGGCGGTGCCGAGGGCATCCCC
 ACCGAGACTCGCCTGCTGGACCTGGGCAAAAACCGCATCAAGACACTCAACCAGGACGAGTTTGCCAGTT
 TCCCACACCTGGAGGAGCTAGAACTCAATGAGAACATTGTGAGCGCTGTGGAGCCGGGCGCTTCAACAA
 CCTCTTCAACCTGAGGACGCTGGGGCTTCGAGCAACCGCTGAAGCTCATCCCGCTGGGCGTCTTACC
 GGCCTCAGCAACTTGACCAAGCTGGACATCAGCGAGAACAAGATCGTCATCTCTGACTACATGTTCC
 AAGACCTATAACCTCAAGTCGCTGGAGTGGGCAACATGACCTCGTCTACATCTCCCATCGAGCCTT
 CAGCGGCCTCAACAGCTGGAACAGCTGACGCTGGAGAAATGCAATCTGACCTCCATCCCCACTGAGGCA
 CTCTCCACCTGCATGGCCTCATCGTCTCGGGCTACGACACCTCAACATCAATGCCATACGGGACTACT
 CTTTCAAGAGGCTGTACCGACTCAAGTCTTAGAGATCTCCCACTGGCCCTACCTGGACACCATGACCCC
 CAACTGCCTCTACGGCTCAACCTGACATCCCTATCTATCACGCACTGCAACCTGACAGCCGTGCCCTAT
 CTGGCAGTGGCCACCTGGTCTATCTCCGTTTCTCAATCTTCTTCTACAACCCCATCGGTACAATCGAGG
 GCTCCATGCTGCATGAGCTGTGCGGTTGCAAGAGATCCAACCTGGTGGGCGGCGAGCTGGCCGTGGTGA
 GCCCTACGCCCTTCGTGGGCTCAATTACCTGCGTGTGCTCAATGTTTCTGGCAACCAGCTGACCACCCTG
 GAGGAGTCAGCCTTCCACTCGTGGGCAACCTGGAGAGCCTCATCTGGACTCCAACCCACTGGCCTGTG
 ACTGCCGGTCTGTGGGTGTTCCGGCGCCGCTGGCGGCTCAACTCAACAGGCGAGCCTACCTGCGC
 CACACCTGAGTTTCGTCCAGGGCAAGGAGTTCAAGGACTTCCCGATGTGCTCCTACCCAACCTACTTACC
 TGCCGCCGGGCCACATCCGGGACCGCAAGGCACAGCAGGTGTTTGTAGATGAGGGCCACACGGTGCAGT
 TCGTATGCCGGGCAGATGGCGACCCTCCACCAGCTATCCTTTGGCTCTCACCCCGCAAGCACTTGGTCTC
 AGCCAAGAGCAATGGGCGGCTCACAGTCTTCCCTGATGGCAGCTGGAGGTGCGCTACGCCAGGTACAG
 GACAACGGCAGTACCTGTGCATCGCAGCAATGCAGGCGGCAACGACTCCATGCCCGCCCACTTGCATG
 TGCGCAGTACTCGCTGACTGGCCCCATCAACCAACAAGACCTTCGCCTTCTTCAACCCAGCCAGG
 CGAGGGAGAGGCCAACAGCACCCGCGCCACTGTGCCTTCCCTTCGACATCAAGAGCTCATCATCGCC
 ACCACCATGGGCTTCATCTCCTTCTGGGCGTGGTCTATTCTGCCTGGTGTGCTGTTTCTATGGAGCC
 GGGGCAAAGGCAACACAAGCACAAATCGAAATTGAATATGTGCCCGGAAATCGGACGCGAGGCATCAG
 CTCAGCTGATGCACCCCGCAAGTCAACATGAAGATGAT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001100722

Insert Size: 1863 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_001100722.1](#), [NP_001094192.1](#)

RefSeq Size: 2510 bp

RefSeq ORF: 1863 bp

Locus ID: 315691

Cytogenetics: 8q24