

Product datasheet for **RN213292**

Lingo3 (NM_001109609) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lingo3 (NM_001109609) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lingo3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN213292 representing NM_001109609
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTGCTGGCTGCACATGCTGGCCTGCACCTGCTGCTGCTGCCCCACAGCGCCCTGGCCACAGGCT
 GCCCCGACGCTGCGAGTGCTCCGCTCCACTCGTACTGTGGCCTGCGGGCGCCGCGGCTGACCGCGT
 ACCCGAAGGCATCCCGCAGAGACACGGATGCTGGAGCTGAGCCGAACCGCATCCGCTGCCTGAACCCC
 GGGGACCTGGCCTCGCTGCCACCCTGGAGGAGCTGGACCTCAACCATAACGTGATCGCCACGTGGAAC
 CTGGGGCCTTCGCCAACCTGCCCGCTGCGCGTCTCCGTGGCAACAGCTGAAGCTCATCCC
 GCCAGGCGTGTTACACATCTGGACAGCCTCACGCTGCTGGACCTGAGCGAGAACAACTGGTCATCCTG
 CTGGATTTAGCTTCCAGGACCTGCGCAGCCTGCAGCGGCTGGAGGTGGGCGATAACGACCTGGTGTCA
 TCTCCCGCAGGGCCTTCGCGGGGCTGCTGGGGTGGCTGAGCTCACGCTGGAGCGCTGCAATCTCACGTC
 GCTGTCCCGGAGTCGCTGGGTACCTGCGGGGCTTGGGCGCTCTGCGCCTGCGCCACCTGGCCATTGCC
 GCCTGGAGGACCAAGATTTCCAGAAGCTTCCGGGACTCTTACATCTGGAGATTGACAACTGGCCGCTGC
 TGGAGGAGGTAGCCCCGGGCAGCCTGCGTGGGCTGAACCTCACCTCGCTGTCCATCACGCACACCAACAT
 CACGGCTGTGCCGGCCGCGCGCTGCGACAGCAGGCCACCTCACGTGCCTCAACCTGTGCGACAACCCC
 ATCAGCATGGTGCCACGCGGCTCCTTCAGAGACCTGGTGCCTGCGCGAGCTTCACCTAGCAGGAGCCC
 TGCTGGCCGTATCGAGCCGACGGCTTCGTGGGGCTGCGACAGATCCGCTGCTCAACCTCTCAGACAA
 CCTGCTGTCCACGCTGGAGGAGAACACGTTCCACTCCGTGAACACGCTCGAGACGCTGCGCGTGGACGGC
 AACCTCTGGCCTGCGACTGTGCGCTGCTGTGGATCGTGCAGAGGAGGAAGACCTGAACCTTGACGGCA
 GGCTCCCCGCTGCGCCACCCCGCCGAGGTGCGCGGCGACGCTTGACAACCTCCCTGACTCCGTGCT
 CTTGAGTACTTCGTGTGTCGAAGCCCAAGATCCGGGAGAGACGCTGCAGCATGTGACCGCCACCGAG
 GGTGACGACGTGCGCTTTCTGTGCGCGCTGAGGGCGAGCCTGCGCCACGGTGGCTGGGTGACGCCCC
 AGCACCACTCCGTTACGGCTGCCAGCCGGGGCCGGGCACGAGTGCTGCCTGGGGGACCCCTGGCCATCAC
 AGACACGCGGCTCAGGACAGTGGCACCTACACGTGTGTGGCCAGCAACGCCGGGGTAACGACACTTAT
 TTCGCCACCTTGACCATCCATCCGGCTGCCAACCGGACCCAGAGCGATGGGCACAACGAGACGCAGGTGG
 GCGTTCGGTTCCTCTGGACCTCACCACATTCTTGTGTCCACCGCCATGGGGTGATCACCTTCTGGG
 CGTGGTCTCTTCTGCTTTCTGCTGCTCTTGTGTGGAGCCGCGCGCTGGACAGCACAGAATAACTTC
 TCTGTGAATATTCCTTCGCAAGGTGGACGGTCCAGCGCTGCGCTGGCCAGGTGGCGCACGCAAGT
 TCAACATGAAGATGATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3095_e01.zip

Restriction Sites: Sgfl-MluI

ACCN: NM_001109609

Insert Size: 1770 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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:	<u>NM_001109609.1, NP_001103079.1</u>
RefSeq Size:	1913 bp
RefSeq ORF:	1770 bp
Locus ID:	690755
Cytogenetics:	7q11