

Product datasheet for **RN203261**

Lxn (NM_031655) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lxn (NM_031655) Rat Untagged Clone
Tag: Tag Free
Symbol: Lxn
Synonyms: MGC93322
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN203261 representing NM_031655
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAAATCCCACCCACCCACTACGCTGCGTCCAGGGCTGCCTCGGTGGCAGAGAAGTGTATAAATT
ATCAGCAAGGGACCCCAACAAGGTATTCAAGGTGCAGACGGTCCAGCAGGCAAGCAAGGAGGATATCCC
AGGAAGAGGCCACAAGTACCATCTGAAGTTTTCTGTGGAAGAAATTATCCAAAAACAAGTTACAGTGAGC
TGCACGGCTGAAGTTCTTTACCCTCGAATGGGACAAGGCTCTGCACCGGAAGTCAACTTCACATTTGAAG
GAGAAATCGGCAAGAACCAGATGAGGAAGACAACACGTTTTATCAAAGACTCATGTCCATGAAGGAACC
ACTACAAGCACAAAATATTCAGACAATTTGGAAATGTGTCTCCACAAATGAAGCCGGTCCACCACTTA
GCCTGGTTCGCTGTGGTTATGTAATGTGGCAGAACTCGACTGAAGACACATGGTATAAAATGGCAAAGA
TTCAAACGGTCAAGCAAGTGCAAAGAAACGATGACTTCATTGAGTTAGACTACACCGTCTACTCCACGA
CGTTGCATCGCAGGAGATTATCCCTGGCAATGCAAGTTCTGTGGCACCACAATACGGCACAAAAGTA
AAGCACAAACAGCCGCCTCCCAAAGGAAGCACCAGCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031655
Insert Size: 672 bp



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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:	<ol style="list-style-type: none">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_031655.1</u> , <u>NP_113843.1</u>
RefSeq Size:	1087 bp
RefSeq ORF:	672 bp
Locus ID:	59073
UniProt ID:	<u>Q64361</u>
Cytogenetics:	2q32
Gene Summary:	inhibits the proteolytic activity of carboxypeptidase A; may mediate prevention of cytosolic protein degradation [RGD, Feb 2006]