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Product datasheet for RN202832

Nln (NM_053970) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nln (NM_053970) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nln
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

>RN202832 representing NM_053970
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATCACCCTGTGCCTTTCGACTCTGCGAGGCCTCCACAGAGCTGGTGGCTCCAGGCTTCAGCTGACAA
TGACACTGGGAAAGGAGCTGGCTTCTCCTCTTCAAGCTATGTCTTCCTACACTGCGGCTGGCAGGAATGT
TCTCAGATGGGACCTTTCTCCAGAGCAGATCAAGACGAGGACAGAGCAGCTCATAGCACAGACCAAGCAG
GTGTACGACACCGTGGGGACAATCGCCCTGAAAGAAGTAACTTATGAGAACTGTCTGCAGGTGCTGGCTG
ACATAGAAGTGACGTACATAGTGGAAAGGACCATGCTGGACTTCCCTCAGCACGTGTCATCTGACAGAGA
AGTGCGGGCTGCAAGCACAGAAGCAGACAAAAGGCTTTCTCGTTTTGATATTGAGATGAGCATGAGAGAA
GATGTGTTTCAGAGAATTGTTCATTTACAAGAAACATGCGATTTGGAGAAGATAAAGCCTGAAGCCAGGC
GATACTTGGAAAAGTCAATTAAAATGGGAAAAAGGAATGGACTCCATCTTTCAGAACACATAAGAAATGA
AATCAAATCAATGAAGAAGAGAATGAGTGAGCTATGCATTGACTTCAACAAGAACCTCAATGAGGACGAC
ACTTCCCTTGTATTCTCCAAGGCTGAACTTGGTGCTCTTCCTGATGACTTCATTGACAGTTTAGAAAAAA
CAGATGAAGACAAGTACAAAGTTACCTTAAAGTATCCTCACTACTTCCCTGTCATGAAGAAATGCTGTGT
CCCTGAAACTCGAAGGAAGATGGAAATGGCTTTTCATACCAGGTGCAAACAGGAAAACACCGCAATTCTG
CAACAGCTCCTCCCGCTGCGAGCTCAAGTGGCCAAGCTGCTGGGCTATAACACCCATGCTGACTTTGTCC
TTGAACTGAACACTGCGAAGAGCACCAGCCGCGTGGCCGCCTTTCTAGATGATTTAAGCCAGAAATTGAA
ACCCTTGGGTGAGGCAGAACGGGAGTTTATTTTGAGCCTGAAGAAGAAGGAATGTGAAGAGCGAGGTTTT
GAATACGACGGGAAGATCAATGCATGGGACCTCCATTACTACATGACACAGACAGAGGAGCTCAAGTACT
CGGTGGACCAGGAGTCCCTTAAGGAGTACTTCCCCATTGAGGTGGTCACGGAAGGCTTGCTAAGCATCTA
CCAGGAGCTGCTGGGACTTTCATTTGAACAAGTGCCCGATGCTCATGTTTGGAATAAGAGCGTTTCACTT
TACACTGTGAAGGATAAAGCTACAGGAGAGGTCCTGGGGCAGTTCTACCTGGACCTCTATCCAAGGGAAG
GAAAATACAACCATGCAGCCTGCTTCGGTCTCCAGCCAGGCTGCCTTCTCCCTGATGGCAGTCGGATGAT
GTCTGTGGCCGCCCTGGTGGTCAACTTCTCTCAGCCTGTAGCAGGTCGGCCCTCTCTCCTGAGACATGAT
GAAGTGCGGACTTACTTCCACGAGTTCGGTCACGTCATGCATCAGATCTGTGCGCAGACTGACTTTGCAC
GATTCAGTGGAACAAACGTGGAAACTGACTTTGTAGAGGTGCCATCACAAATGCTTGAAAACTGGGTGTG
GGACGTTGATTCCCTGCGAAAACTGTCAAAGCATTATAAAGATGGACACCCTATCACAGACGAGCTGCTC
GAGAAGCTTGTTGCTTCTAGGCTGGTCAACACAGGTCTTCTGACGCTGCGCCAAATTGTTTTGAGCAAAG
TTGACCAATCTCTCCATACCAATGCGACTCTGGATGCCGCGAGCGAATACGCTAAATACTGCACAGAAAT
TCTGGGAGTTGCAGCTACGCCAGGCACAAATATGCCAGCTACTTTTGGACACTTGGCAGGAGGGTATGAT
GGCCAATATTATGGATATCTTTGGAGTGAAGTGTTTTCCATGGACATGTTTCACAGCTGTTTTAAAAAAG
AGGGGATCATGAATCCAGAGGTTGGAATGAAATACAGAAACTTAATCCTGAAGCCTGGGGGGTCCCTGGA
CGGCATGGACATGCTCCAGAATTTCTTGCAACGTGAGCCAAACCAAAAAGCATTCCTAATGAGTCGAGGC
CTGAATGGTTCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053970

Insert Size: 2115 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).

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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_053970.2, NP_446422.2
RefSeq Size:	2705 bp
RefSeq ORF:	2115 bp
Locus ID:	117041
UniProt ID:	P42676
Cytogenetics:	2q12
Gene Summary:	endopeptidase that cleaves bioactive and synthetic peptides [RGD, Feb 2006]

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