

Product datasheet for **SC321934**

NDNL2 (NSMCE3) (NM_138704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NDNL2 (NSMCE3) (NM_138704) Human Untagged Clone
Tag:	Tag Free
Symbol:	NDNL2
Synonyms:	HCA4; LIC5; MAGEG1; MAGEL3; NDNL2; NSE3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138704, the custom clone sequence may differ by one or more nucleotides

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ATGTTGCAAAAACCGAGGAACCGGGGCCGCTCTGGCGGCCAGGCCGAGAGGGACAGAGACTGGAGCCATA
GCGGAAACCCCGGGGCTTCGCGGGCCGGGAAGACGCCCGGGTTCTCAGAGACGGCTTTGCCGAGGAGGC
CCCGAGCACGTCCCGGGGCCGGCGGCTCGCAGGGGTCGAGGGCCCTCGCCTCAGGGCGCCCGCGG
GCCAGGGCCGCCCGCGTGGGGCCAGGAGCCAGAAGCAGCTGGAGCTGAAAGTGTCCGAGCTGGTGC
AGTTCTTGCTGATTAAGACCAGAAGAAGATTCCGATCAAGCGGGCCGACATACTGAAGCACGTCATCGG
GGACTACAAGGACATCTCCCCGACCTCTCAAACGGGCCCGGAGCGCCTCCAGTACGTCTTCGGGTAT
AAGCTGGTGGAACCTGAACCAAGAGCAACACTTACATCCTCATCAACACCTGGAGCCTGTGGAGGAGG
ATGCCGAGATGAGGGGTGACCAAGGCACGCCACTACGGGCTCCTGATGATCGTCTTAGGGCTCATCTT
TATGAAGGGCAACACCATCAAGGAACTGAAGCCTGGGACTTTCTGCGGGCCTTAGGGGTCTACCCACC
AAGAAGCATTTAATTTTCGGAGATCAAAGAACTCATTACTGAGGACTTTGTGCGACAGCGTTACCTGG
AATACCGCGGATACCCACACCCGACCCGTCGACTACGAATCCAGTGGGGCCCGCAACCAACCTGGA
AACCAGCAAGATGAAAGTTCTTAAGTTTGTGGCAAGGTCATAATCAAGACCCCAAGGACTGGCCAGCG
CAGTACTGTGAGGCTTTGGCAGATGAGGAGAACAGGGCCAGACCTCAGCCTAGTGGCCAGCTCCATCCT
CTTGA
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Restriction Sites:	Please inquire
ACCN:	NM_138704



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_138704.2</u> , <u>NP_619649.1</u>
RefSeq Size:	1748 bp
RefSeq ORF:	915 bp
Locus ID:	56160
UniProt ID:	<u>Q96MG7</u>
Cytogenetics:	15q13.1
Domains:	MAGE
Gene Summary:	The protein encoded by this gene is part of the SMC5-6 chromatin reorganizing complex and is a member of the MAGE superfamily. This is an intronless gene. [provided by RefSeq, May 2011]