

Product datasheet for **MC229429**

Nol8 (NM_001271397) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nol8 (NM_001271397) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nol8
Synonyms:	4921532D18Rik; 5730412B09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229429 representing NM_001271397 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCGACCTCTGAAAAACGTTTCCAGCAATCTTGATAGATGCCCAACATCCATGCAAGGCAACAGAG
AAATGAAGCGCCTCTTTGTGGGTGGACTTGGACAGGGCATTCTGAGACAGACCTACAAAATCAGTTCGG
CAGATTTGGAGAAGTTTCTGACGTGGAGATCATCACTCGGAAAGATGACCAAGGAAATTCACAGAAAGTC
TTTGCATGTTAACATTCAAATAACAGAAGCGGACCTGAAGAAATGTATGTCTATTTAAACAAAAACAA
AATGGAAGGTGGAACACTACAAATTCAGCTAGCAAAAGAAAGCTTTTTACACAGATTGGCCAAGAAAG
AGAAGACGCAAAAGCAAAGAAAGAAAAATCAACAACAGGCAACCCACCTTATTGGAAAAGATGGGAGCA
GTGGATTTCCATATGAAGGCTGTGCCTGGAACAGAAAGTACCAGGGCATAAAAAATTGGGTTGTGAGTAAAT
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CTCCTCAAAGGTCAAGAAAGTGCAGAAGAGCAATGATCCCATGGAGTCCAAGGTTTCTAATATTGGTCT
AAGGCAATCAGGTAATGGAGAAGAACAATCAACACATCCTGTGACTGCACACGGGACAGCCCCTAGT
ACTGTTAATCCTTCTAAACAACCTTTGTGCCAGTTCTGGTACTCAGAAACCTAAACATGTGGTTTTTC
ATAATTCTGACTTTGAAATTATCTGGAATAAAAGTAGCATGTCTGATGATGATGTTGACTCGGAAGATGA
ATTAATAATGATGATTGCAAAAGAGGAAAAACAGAGAGAAACCTGGGCATTCTCAGTCAATGAGTCTGAA
CATGATACTTTTGAAGTTGTTAGGGATGATTTCAAATCAAATATTCACAAGCTTTCTTCTCAGTAAGCC
TAGGAAATAACCATGAATATGATTCAAGTGATACAGATGAAATTTGCAATGAAAAACAAAAATGCTAA
GGTCAAAACAGTGCAGAAATCTTACAACCAGAAAGGACTGTAAGCAAGAAAAGTTCTTTTCAAAGATA
GAACCTTCTAATGACTGTATAAAAGTACAAGGAATTAACAGCAACAAAGAATCAGCCCTGTGTCATGGAG
TAAAGTTTGAATCCCAATTTCCACCTGACTCCAGTGGCAGTGACAGTGAAGAGTCCGAAGAAGATGA
AGAAATAAAGTCTTGATGGAAAAGTGTCCCGTGTGAGTCTCACTTTGGCTGACTTGGAGCAGTTGGCT



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GGCAGTCATCGGAAGTTTCCAGGAAAAGACAGTGAGACTAATGGTCCACAAAATGACAGTCACTGCAAAAT
 TTGACACAACCTCCAAGAATCCCAAGACTTCTGGTGACCTGTACAATGGCAGACAACAGTGCATTCTTCC
 TGAGGAGATTGTGGCCTCCCTTTTAGAGGACGAGAATACTTACAGCAAACAAAAATCGGAAGAAGATATC
 TTAAGGCCAAAATTCAGGCCTCAAGGGAATAGGCTGTCTCTATGCAAAGGAGTCAGTAGACAAAACCTT
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 GAAAGTAGAAAAGCTTTAGAGAAAAGAGAGGACCAATTTAAGCAACCTCGAATCTCTTGAGAAATCATCAA
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 AAACACACATTGTCTTTGCTTCTGATAATGAAAGTGAAACGGAAGAGACATCCACTCAGGAGCAAAGCTG
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 GCAACACAGATGAAAAGGAAGAAGATGTGCCAGGACTGAGGCTGGTGCTAGAGAGGGGACTGGAAAAAT
 CAGGAACGCCGAGACACTGGCATGTGAGCCGAGCAAACCACTGGCTTTACATTCTTTTTTTGATTCA
 GCCACTAAAGATGAAAAGGATGCCACCTATAGAATCGAACTAGTGAAACATGGGAAGATAGTCTGTCCAA
 ATGATCCCCGATTCCAAGACAGTAGTTCAGAAGAAGAAGATATTGCTGAAGAAGCAGATCATAGCAAGCC
 AAGCCCTGGAGAAGCGGTTCTGAGAATGAGGCCATTAGATTTTTCTTTTCTCTGAGAATGACGACAGA
 CTTCTGTTTCTAACTTATTCTGGAGTGGTATGGGAGGTAGTATTAGCAGAAATCTTGGGAAGCCCGAA
 CAAGTAGTCTCCTTTTGAATGTCGGAAGAAACATAAAGAAGCCAAAAGGAAGGTGAAAGCAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001271397
- Insert Size:** 3498 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271397.1](#), [NP_001258326.1](#)

RefSeq Size: 4655 bp

RefSeq ORF: 3498 bp

Locus ID: 70930

UniProt ID: [Q3UHX0](#)

Cytogenetics: 13 25.36 cM

Gene Summary: Plays an essential role in the survival of diffuse-type gastric cancer cells. Acts as a nucleolar anchoring protein for DDX47. May be involved in regulation of gene expression at the post-transcriptional level or in ribosome biogenesis in cancer cells (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the protein.