

NSL1 cDNA

Catalog Number: ATGD0372

PRODUCT INFORMATION

Catalog number

ATGD0372

Product type

cDNA

Species

Human

NCBI Accession No.

NP_056286.3

Alternative Names

C1orf48, DC8, MIS14

mRNA Refseq

NM_015471.3

OMIM

609174

Chromosome location

1q41

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

846bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

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NSL1 encodes a protein with two coiled-coil domains that localizes to kinetochores, which are chromosome-associated structures that attach to microtubules and mediate chromosome movements during cell division. Multiple transcript variants encoding different isoforms have been found for NSL1. There is a pseudogene of the 3' UTR region of this gene on chromosome X.

DATA

Sequence nucleotides

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ATGGCGGGGTCTCCTGAGTTGGTGGTCCTTGACCCTCCATGGGACAAGGAGCTCGCGGCTGGCACAGAGAGCCAGGCCTT
GGTCTCCGCCACTCCCCGAGAAGACTTTCGGGTGCGCTGCACCTCGAAGCGGGCTGTGACCGAAATGCTACAACCTGTGCG
GCCGCTTCGTGCAAAAGCTCGGGGACGCTCTGCCGGAGGAGATTCGGGAGCCCGCTCTGCGAGATGCGCAGTGGACTTTT
GAATCAGCTGTGCAAGAGAATATCAGCATTAAATGGGCAAGCATGGCAGGAAGCTTCAGATAAATTGTTTTATGGATTCTGACA
TCAAAGTACTTGAAGATCAGTTTGATGAAATCATAGTAGATATAGCCACAAAACGTAAGCAGTATCCCAGAAAGATCCTGGA
ATGTGTCATCAAACCATAAAAGCAAACAAGAAATTCTGAAGCAGTACCACCCTGTTGTACATCCACTGGACCTAAAATATG
ACCCTGATCCAGCCCCTCATATGGAAAATTTGAAATGCAGAGGGGAAACAGTAGCAAAGGAGATCAGTGAAGCCATGAAGT
CCTTGCCTGCATTAATTGAACAAGGAGAGGGATTTTCCCAAGTTCTCAGGATGCAGCCTGTTATCCACCTCCAGAGGATTCA
CCAAGAAGTCTTTTCCAGTTGTCATAGGAAACCAGATGCTAAACCTGAGAACTTTATAACACAGATAGAAACCACACCAACA
GAGACTGCTTCCAGGAAAACCTCTGACATGGTACTGAAAAGAAAGCAAACCTAAAGACTGCCCCAGAGAAAATGGTATCCA
TTGCGGCCAAAGAAAATTAATCTTGATACATGA
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Transaction Sequence

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MAGSPELVVL DPPWDKELAA GTESQALVSA TPREDFRVRC TSKRAVTEML QLCGRFVQKLGDALPEEIRE PALRDAQWTF
ESAVQENISI NGQAWQEASD NCFMDSDIKV LEDQFDEIIVDIATKRKQYP RKILECVIKT IKAKQEILKQ YHPVVHPLDL
KYDPDPAPHM ENLKRGETVAKEISEAMKS LPALIEQEGEG FSQVLRMQPV IHLQRIHQEV FSSCHRKPDA
KPENFITQIETTPTETASRK TSDMVLKRKQ TKDCPQRKWY PLRPKKINLD T
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