

Product datasheet for MC224377

Ninl (NM_207204) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ninl (NM_207204) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ninl
Synonyms:	4930519N13Rik; Gm1004; Gm1634; mKIAA0980
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224377 representing NM_207204 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACAACGAAGAAGAGAACCACTATGTGTCACGGCTCAGGGATGTCTACAGCAGCTGTGACACCACAG
GGACCGGGTTCCTGGATCAGGAAGAGCTGACCCAGCTATGTAAGCTTGGCCTGGAGGAGCAGCTGCC
GGCACTCCTTACATTCTCTCGGAGATGACCGCTTGGCCAGGGTAACTTTGAGGAATTAAGGAAGGC
TTTGTGGCTGTGCTGTCATCAGGTTCTGGCGTAGAGCCCTCCGATGAGGAAGGTAGTTCTCCGAGTCAG
CTACTTCTGTGCTGTCCCTCCAAGTACATGAGTGGCTCTAAGTGGTATGGCCGTCGGAGCCTACCTGA
GCTCGGTGACTCTGCCACTGCAACCAAATATGGATCAGAACAGCAGGCCAAGGGCAGCGTGAAGCCTCCG
CTGAGACGCTCTGCATCTCTGAAAAGTGTGGAGAGCCTCAAGTCAGATGAAGATGCTGAGAGTGCAAAA
AACCTCAGAAATGAATATTTGAAGCACAAGGCCAGCTGCGATCCTGGGGTTGTGAGGTCTTTGGGACACT
CCGAAATCCTGTAGCCCTCCTCAGCACTCCTGAGAACCTGGTCCAGGGCATCTGGCATGAGCTGGGG
ATTGGAAGCAGTGGTACCTGAATGAGCAGGAGCTGGCTGTGGTCTGCCGAAGCATCGGGCTCCACAGTC
TTGAGAAACAGGAACCTGAAGAAGTGTTCAGCAAAGTGGACCAAGATGGAGATGGCAGAGTGAGTCTTGC
AGAGTTTCAGCTTGGCCTGTTTGGTTCATGAGCCTCCTTCGATCCAGCATCTCCAGTCTGATCAAACCA
AACAGGCTTTGGTCTCATTATCAGGAGGAGAGCGGCTGCCACACCACCACAACCTCGTCCCTCGTGTCTG
TGTGCTCAGGCCTGCGCCTCTTCTCCAGTGTGACGATGGCAGTGGCTTTGCCTTCTGAGCAGGTGAT
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GAGAGCCGTGCTGGAGCAGGATGTGGGCCGTCTCCAGGCTGAGGAGACCAGTCTCCGAGAGAAGCTGACA
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AGAAGCTGGTCTACGCCTGCAGAGTGACCTCCAGTTTGTGCTGAAGGACAAGCTGGAGCCTCAGAGCAT
 GGAGCTCTGGCCAGGAGGAGCAGTTCACAGCCATCCTGAACGATTATGAGCTTAAGTGCAGGGACCTA
 CAGGACCCCAATGATGAGTTGCAAGCAGAGCTGGAAGGCTGCGGCTGCGGCTGCCAGGAGTCGACAAA
 GCCCCGCTGGGACCCAGGTACCCATAGAAGGAGGATCCCTGGACGCGGCCAGCAGACAATCTGTTTGT
 GGGTGAGTCTACGCCAGTGAGTTGGAGACAGAGATAATGGTGGAACAGATGAAAGAACATTACCAAGAG
 CTCAGGATGCAGCTGGAGACCAAGGTAATTAATGAGAAGGAAATTGAAGTCATGAAGAGAACTTTG
 AGAAGGATAAAAAGGAGATGGAGCAGGCTTTCCAGCTGGAGGTCAGCGTCTGGAAGGCCAGAAGGCAGA
 TCTGGAGGCCTTGATGCCAAGTCGAGGAGGTACCTGGGCCTGAAGGAGCAGCTGCAGGATGCAGCA
 CAAAGCCCTGAGCCTGCCCCAGCTGGACTGGCCACTGCTGTGCACAGGCCCTGTGCACACTGGCCAGC
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 GCTGAACCAGAAGCTGTCATGGCTAGAAGCTCAGCATGCTGCCTGCTGTGAGAGTCTGTCTCTGCAGCAT
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 TGGAGAAGGGCGCGGGAGGAGAGGGAACAGGAGGTCTGGCACACTGTCGGAGGCAGCAGTTGAAGCT
 GCAGGCTGTGATGAGTGAAGAGCAGGCACGGATCTGCAGGTCATTACCCTGGAGAAGGAGAAGCTAGAA
 CAAACCTACAGGGAGCAGGTAGAGGGCCTTGTCAGGAGGCAGATGTGCTGCGTGTCTCCTGAAGAATG
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 GCAGCCAACAGCCCGCAAGCTGTCAGCCCTGATGGAAGGACAGGGGCACCAGCAGAGTGGCCTGGCCCA
 GAGAAAGCAGAGGGCAGGGATTTTCTGGCCAGCTCTGTAGTATAGATGCCATGCCAAGCCCAACCCCTA
 CCCTGCTGTCTAGAAGATCCTCAGAGAACCTGGGTGTCAGAGACAATCATCAACGTCCACTCAATGCTGA
 GGAGGGAGCTATCCCAAAGGAGCCAGAACCTTCTGCCAGGACCCTAACAGGCCAAGGCCAGAAGCTGCC
 TTGCCTGTTATCCACAGATGCTGGAGCCATCGTTAGGCACAACCTGCTCTGGACAGGAAGGCAGCCTCTG
 TTGGGGTTCAGGGACAAGCTTACAGAGGGCCTGTTGGGGATGGTGAAGGTGTCCAAGAGGCTTGGCTCCA
 GTTCAGGGGAGAAGCTACAAGGATGAGACCCTCATTGCCCTGCTCTGAGCTCCCAAACCCACAAGAGGCC
 ACAGTGATGCCGCGATGTCAGAGAGTGAGATGAAGGATGTGAAGATCAAACCTTGCAGCTGGAAGATG
 TCGTCCGGCTCTTGAAGGCAGATTCCAGAGAGATTACAGGCTGAGTTACAAGGCTTTCTGAAGA
 AAACCTCGTGTTAAAAAGTGATCTGGGGAAGATTAGCTGGAACCTGGAACCTTACAGAGCAAGAATGAA
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 GCACACAGACTCAAAAGTACAAGGATGAAATGTCACAGCTCAACTGCAGGGTCTTACAGCTGGAAGGAGA
 GCCTTCTGGTCTCCATACACAGAAGGAAGAGAACCACGGTCTATCCAGGTGTTAATGAAGAAGCTGGAG
 GAGGCAGGGTCCCGGAGGAGCAGCAGGGTGATCAATCCAAACCTGAAAATTGAACCTGAACTGTGA
 ATGAGGAATGCCAGTACTTAAGACTGTCACAGGCAGAGCTGACAGAAAGCCTTGAAGAAAGTCAAGCCA
 GCTCTACAGTGTCCAGCTGAGGCTGGAGGCAGCAGTCCAGCATGGCCGGATTGTCCAGCGCCTGCAG
 GAACAGATGAGTCAGTTGGTTCCCGGAGCTCGTGTAGCCGAACTGCAGCACCTGCTCAACGTCAAGGAAG
 AGGAAGCCAGGAGACTGAGTGCACAGCAGGAAGAATACAGGCAGCAACTGAAGGCCAGGGAGGACCAGGT
 GGAGGATGCCGAGGCTCGGTTACGCAACGTGGAGTGGCTGCTACAGGAGAAGGTGGAGGAGCTTCGAAAA
 CAGTTTGAGAAGAATACCAGATCTGATCTGCTGCTTAAGGAACTGTATGTGGAATAATGCCACCTCATGA
 AAGCTGTTACAGCTCACAGAAGAGAAGCAGCGAGGAGCCGAGAAGAAAAAAGTGTCTTGGAAAGAAAAAGT
 TAGAGCTCTCAACAAGCTGATCAGTAAGATGGCACCAGCATCACTTTCCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_207204

Insert Size:

4185 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).

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_207204.2</u> , <u>NP_997087.2</u>
RefSeq Size:	5104 bp
RefSeq ORF:	4185 bp
Locus ID:	78177
UniProt ID:	<u>Q6ZQ12</u>
Cytogenetics:	2 G3
Gene Summary:	Involved in the microtubule organization in interphase cells. Overexpression induces the fragmentation of the Golgi, and causes lysosomes to disperse toward the cell periphery; it also interferes with mitotic spindle assembly (By similarity).[UniProtKB/Swiss-Prot Function]