

Product datasheet for SC211651

Nogo A (RTN4) (NM_207521) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Nogo A (RTN4) (NM_207521) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RTN4
Synonyms: ASY; Nbla00271; Nbla10545; NI220/250; NOGO; NSP; NSP-CL; RTN-X; RTN4-A; RTN4-B1; RTN4-B2; RTN4-C
ACCN: NM_207521
Insert Size: 997 bp
Insert Sequence: >SC211651 3'UTR clone of NM_207521

The sequence shown below is from the reference sequence of NM_207521. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCCCTGGATTGAAGCGCAAAGCTGAATGAAAACGCCCAAATAATTAGTAGGAGTTCATCTTTAAAGG
GGATATTCATTTGATTATACGGGGGAGGGTCAGGGAAGAACGAACCTTGACGTTGCAGTGCAGTTTAC
AGATCGTTGTTAGATCTTTATTTTTAGCCATGCACTGTTGTGAGGAAAAATTACCTGTCTTGACTGCCA
TGTGTTTCATCATCTTAAGTATTGTAAGCTGCTATGTATGGATTTAAACCGTAATCATATCTTTTTCCCTA
TCTATCTGAGGCACTGGTGAATAAAAAACCTGTATATTTTACTTTGTTGCAGATAGTCTTGCCGCATC
TTGGCAAGTTGCAGAGATGGTGGAGCTAGAAAAAAAAAAAAAAAAAGCCCTTTTCAGTTTGTGCACTGTG
TATGGTCCGTGTAGATTGATGCAGATTTTCTGAAATGAAATGTTTGTGTTAGACGAGATCATACCGGTAA
AGCAGGAATGACAAAGCTTGCTTTTCTGGTATGTTCTAGGTGATTGTGACTTTTACTGTTATATTAAT
TGCCAATATAAGTAAATATAGATTATATATGTATAGTGTTCACAAAGCTTAGACCTTTACCTTCCAGC
CACCCACAGTGCTTGATATTTTCAGAGTCACTGTTGTTTACATGTGTAGTTCCAAAGCACATAAGC
TAGAAGAAGAAAATTTTCTAGGAGCACTACCATCTGTTTTCAACATGAAATGCCACACACATAGAACTC
CAACATCAATTTTCATTGCACAGACTGACTGTAGTTAATTTTGTACAGAATCTATGGACTGAATCTAAT
GCTTCCAAAAATGTTGTTTGTGTTGCAAATATCAACATTGTTATGCAAGAAATTATTAATTACAAAATG
AAGATTTATACCATTTGTGGTTTAAAGCTGTACTGAACTAAATCTGTGGAATGCATTGTGAAGTGTAAAAG
CAAAGTATCAATAAAGCTTATAGACTTAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_207521.2</u>
Summary:	This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. The product of this gene is a potent neurite outgrowth inhibitor which may also help block the regeneration of the central nervous system in higher vertebrates. Alternatively spliced transcript variants derived both from differential splicing and differential promoter usage and encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Locus ID:	57142
MW:	38.5