

Product datasheet for SC211653

Nogo A (RTN4) (NM_207520) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Nogo A (RTN4) (NM_207520) Human 3' UTR Clone
Symbol:	Nogo A
Synonyms:	ASY; Nbla00271; Nbla10545; NI220/250; NOGO; NSP; NSP-CL; RTN-X; RTN4-A; RTN4-B1; RTN4-B2; RTN4-C
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_207520
Insert Size:	997 bp
Insert Sequence:	>SC211653 3'UTR clone of NM_207520

The sequence shown below is from the reference sequence of NM_207520. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
ATCCCTGGATTGAAGCGCAAAGCTGAATGAAAACGCCAAAATAATTAGTAGGAGTTCATCTTTAAAGG
GGATATTCATTTGATTATACGGGGGAGGGTCAGGGAAGAACGAACCTTGACGTTGCAGTGCAGTTTCAC
AGATCGTTGTTAGATCTTTATTTTAGCCATGCACTGTTGTGAGGAAAAATTACCTGTCTTGACTGCCA
TGTGTTTCATCATCTTAAGTATTGAAGCTGCTATGTATGGATTTAAACCGTAATCATATCTTTTCTTA
TCTATCTGAGGCACTGGTGAATAAAAAACCTGTATATTTACTTTGTTGCAGATAGTCTTGCCGCATC
TTGGCAAGTTGCAGAGATGGTGGAGCTAGAAAAAAAAAAAAAAAAAGCCCTTTTCAGTTTGTGCAGTGTG
TATGGTCCGTGTAGATTGATGCAGATTTTCTGAAATGAAATGTTTGTGTTAGACGAGATCATACCGGTAA
AGCAGGAATGACAAAGCTTGCTTTTCTGGTATGTTCTAGGTGATTGTGACTTTTACTGTTATATTAAT
TGCCAATAAAGTAAATATAGATTATATATGTATAGTGTTCACAAAGCTTAGACCTTTACCTTCCAGC
CACCCACAGTGCTTGATATTTAGAGTCACTCATTGGTTATACATGTGTAGTTCCAAAGCACATAAGC
TAGAAGAAGAAATATTTCTAGGAGCACTACCATCTGTTTTCAACATGAAATGCCACACATAGAAGTCA
CAACATCAATTTCACTGCACAGACTGACTGTAGTTAATTTGTGACAGAAATCTATGGACTGAATCTAAT
GCTTCAAAAAATGTTGTTGTTGTTGCAAAATCAAAACATTGTTATGCAAGAAATTAATTAACAAAAATG
AAGATTTATACCATTGTGGTTAAAGCTGTAAGTAACTGAACTAACTGTGGAATGCATTGTGAACTGTAAGG
CAAAGTATCAATAAAGCTTATAGACTTAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-MluI



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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_207520.2</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