

Product datasheet for SC206091

Reticulon 2 (RTN2) (NM_005619) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Reticulon 2 (RTN2) (NM_005619) Human 3' UTR Clone
Symbol:	Reticulon 2
Synonyms:	NSP2; NSPL1; NSPLI; SPG12
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005619
Insert Size:	444 bp
Insert Sequence:	<p>>SC206091 3'UTR clone of NM_005619</p> <p>The sequence shown below is from the reference sequence of NM_005619. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GTCTCCGGATCCAAAGCCAAAGCCGAATGAGAACGGTGTCTCTGCCCGCAGGACGCCTGCCCCAGCCC
CCGCAGCCCTCTGGCCCCCTCCATCTCTTGTCGGTTCACCCACCCCTCTCGGCCGAGCCTTTT
CCCGGTGGGTGTCAGGATCACTCCCACTAGGGACTCTGCGCTAATTACCTGAGCGACCAAGGACTACATT
TCCAAGAGGCTCTGCTCCAGGAGTCCAGGAAAGACGAGGCACCTTGGCCGCGGGCCTGCTGGGACTT
GTAGTTGCCTAGACAGGGCACCACCTGCACTTCCGACCCGCCGCTGGAGGCGCCGTGAGCGTTGGT
GTCTCCTGGATGCTACTAGCCCCAACGCCGGGGCTTTGCATGGGGCCAGGGGAGGCCTGAGCTTGGAT
TTACACTGTAATAAAGACTCCTGTGAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	SgfI-MluI
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.


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RefSeq: NM_005619.5

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. Reticulon proteins also play an important role in the replication of positive-strand RNA (ssRNA) viruses. Mutations at this locus have been associated with autosomal dominant spastic paraplegia-12. [provided by RefSeq, Aug 2020]

Locus ID: 6253

MW: 15.7