

Product datasheet for **SC211426**

RTN4IP1 (NM_032730) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RTN4IP1 (NM_032730) Human 3' UTR Clone
Symbol:	RTN4IP1
Synonyms:	NIMP; OPA10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032730
Insert Size:	1255 bp



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Insert Sequence: >SC211426 3'UTR clone of NM_032730
The sequence shown below is from the reference sequence of NM_032730. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CGAGGAAAGACTGTAATTAATGTTGTTAAATAAAAAATGCAGTTTGTGATTGTTGACGTTCTTATTTG
GTGAGTGCCTGTGAGCCCAAATTTTTCTAGCCATCCCTTTCAAACATTTTCCAGATTAGATTATAC
ATTCCATGATACAAGCTTTAAAAAATAAACACACCATTTTGCCAGTAATTGATATAAAAAATATCAGCA
CTTGATTGTCTGTAGTCAGTAGAAATTCGAAGTTTTTCAAGCTGTTCTTCACACTGGCTTTCAG
GTTGTTGTGGCACCTTCTGTTTTACTAGCTTAACTACTTTATTGTCTTTTTGTTTGTAGAGACAGGGT
CTCGCTGTGTACCCAGGCTGGAGTGCAGTGGCACAATCACAGCTCACTGCAGCCTTGACCTTAAGCGA
TTCTCCTGCTTCAGCCTCTCAAGTAGGTAGGACTACAGGTATGCATCACCACCCAGCTAGTTTTTTT
GTATTTTTAGTAGAGACAGTTTTGCCATGTTGCCAGGCTGGTCTCAAACCTCTGGGCTTAAGTGATCC
ACCATGTCAAGTCTCCCAAAGTTCTGGGATTACAGGCGTGAACCACCCTGCTGGGCCTGATCGTCTTAAT
GTACAATACTAAACTTTTCAAGTGTATAGATGGATGTTGGCATGAAGAGATAATTTAAAGCTGGTTCCTT
CTTGAATTCATCACTGAGCAGCTTTCTAACTGCCAAGTTTCTTTTTTGTCTCCACCATAATGTGG
TCACCACAGCTCTTAAAGTTCTAAATCTCTTAGTGTCATATAAAAAATCTGCCTGGTGATTCAATTTGT
TTATGCTCTTAATATTGAAAGGTGAGAGCAGAGTTTCTAACTTTTTAAACCCCTTACATCTTGCATAAG
GATTAGGCCTGTTTCGGCAATTGAAACATGCTTCTCTGAGGGCTTTCCATGGAAATTGCAGCCTTCCA
ATGGAGCCCAAAGCTTGCCACTTTGATGTCAAATGTTTACATTTAGATATCTCTCCAATCAACCCATTG
CAGTGTGCACTTCGAATATTCATTTACGGTAAGTGTGTTTTACTTCCTAATACTCATCCTCAGTATTG
CACCTGATATGCTTGCTTGAACTTTTGATGTAGACCTGTTTTGAGATTTCTGCTTGTTTTATTCTGT
TAGACACTCGTTTGGTAGCATGTATGTAGATGTAGGCTTTTCTAAAATTGTTGGTCTGGTCTTACT
ACCGAGTTATTGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-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.

RefSeq: [NM_032730.5](#)

Summary: This gene encodes a mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. This interaction may be important for reticulon-induced inhibition of neurite growth. Mutations in this gene can cause optic atrophy 10, with or without ataxia, cognitive disability, and seizures. There is a pseudogene for this gene on chromosome 12. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Locus ID: 84816

MW: 47.6