

Product datasheet for **SC215674**

NAIP (NM_004536) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NAIP (NM_004536) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NAIP
Synonyms:	BIRC1; NLRB1; psiNAIP
ACCN:	NM_004536
Insert Size:	1968 bp



[View online »](#)

Insert Sequence: >SC215674 3'UTR clone of NM_004536
 The sequence shown below is from the reference sequence of NM_004536. 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
CTGCCGTTCTCTCCAATCATTCAAGAAATAAAGATTTCAGTAAAAACTGCTGAATCAATAATTTGTCTT
GGGCATATTGAGGATGTAAAAAAGTTGTTGATTAATGCTAAAAACCAAATTATCCAAAATTTATTTA
TTAAATATTGCATACAAAAGAAATGTGTAAGGCTTGCTAAAAACAAAACAAAACAAAACACAGTCCT
GCATACTACCACCAAGCTCAAGAAATAAATCATCACAATACCTTTGAGGTCCCTGAGTAATCCACCC
CAGCTAAAGGCAAACCCTTCAATCAAGTTTATACAGCAAACCCTCCATTGTCCATGGTCAACAGGGAAG
GGGTTGGGACAGGTCTGCCAATCTATCTAAAAGCCACAATATGGAAGAAGTATTCAATTTATATAATA
AATGGCTAACTTAACGGTTGAATCACTTTATACATGGATGAAACGGGTTAACACAGGATCCACATGA
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TACAGTAGAGTTAACTTACTTTCCATTTATCCACTGCCAATATAAAGAGGAAACAGGGGTTAGGGAAAA
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TCTACTGGGTAGAAAATATTTTATCTCTAGTGATTGCATATTATTTCCATATCATAGTATTTTCATAGT
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TCCTCATTTTTATTCTCACTAAGAAAAAGTCACTCCCCTCCCCTTGCCCAAGTATGAAATATAGGGA
CAGTATGTATGGTGTGGTCTCATTGTTTAGAAAACCACTTATGACTGGGTGCGGTGGCTCACACCTGT
AATCCCAGCACTTTGGGAGGCTGAGGCGGGCAATCATTGAGGTGAGGAATTCGAGACCAGCCTGGCC
AGCATGGTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCCAGGTGTGGTGGCACATGCCTGTAGT
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GATGGCGCCACTGCATTCAGCCTGGGCAACAGAGCAAGACCCTGTCTGTCTCAAAAACAAAAACAAAA
CCACTTATATTGCTAGCTACATTAAGAATTTCTGAATATGTTACTGAGCTTGCTTGTGGTAAACATTTA
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TTTTGTCAATTACCTAAATAAACTGGAAAAAATTTCTGGAAGTTTATATCTAAAAATGTTAATAG
TGCGTACCTCTAGGAAGTGGCCTGGAAGCCATTCTACTTTTTCAGTCTCTCCATTCTGTACTGTTTT
TTGTTTTACTTTCTGCCTGCATTATTTTTCTATTTAAAAACAAAATAAATCTAGTTTAGCACTAAAT
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GAAACCACACAGAAATTTGAATGGGAAAGTTAATATACAGATGCTCGGCCCTGACGCAGTGGCTCACG
CCTGTAATTCAGCACTTTGGGAGGCCGAGGTGGGCAGATCACTTGAGGTGAGGATTCGAGACCAGCC
TGGCCAACATGGTGAATCCTGTCTCTACTAAAAAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.

RefSeq: [NM_004536.3](#)

Summary:

This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This copy of the gene is full length; additional copies with truncations and internal deletions are also present in this region of chromosome 5q13. It is thought that this gene is a modifier of spinal muscular atrophy caused by mutations in a neighboring gene, SMN1. The protein encoded by this gene contains regions of homology to two baculovirus inhibitor of apoptosis proteins, and it is able to suppress apoptosis induced by various signals. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Nov 2016]

Locus ID:

4671

MW:

74.3