

Product datasheet for SC203243

NALP2 (NLRP2) (NM_017852) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NALP2 (NLRP2) (NM_017852) Human 3' UTR Clone
Symbol:	NALP2
Synonyms:	CLR19.9; NALP2; NBS1; PAN1; PYPAF2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017852
Insert Size:	270 bp
Insert Sequence:	<p>>SC203243 3'UTR clone of NM_017852</p> <p>The sequence shown below is from the reference sequence of NM_017852. 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
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AGGCCTTCTTCTCATGACTTCATGATCATAATCCCCCGAGTCATTCTCCATGAAGTCATCGATT
TTCCAGGTGTTGGTGAAGTGCCTGTGACTCCTCTCCTCCCGGCCCTACCCCTCAGGGATAATGAGTT
CATTGCTGGGCTAGATGTTTTAGCCATGATTCTGCCTCTGTTTTATACCTGCACACATCCTTATCTTTG
TTACATATGAAATATCTGTATCACGGGTATATTGAGAGAAATAAAGGTGAGAGCATTACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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:	<u>NM_017852.5</u>


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Summary:

This gene is a member of the nucleotide-binding and leucine-rich repeat receptor (NLR) family, and is predicted to contain an N-terminal pyrin effector domain (PYD), a centrally-located nucleotide-binding and oligomerization domain (NACHT) and C-terminal leucine-rich repeats (LRR). Members of this gene family are thought to be important regulators of immune responses. This gene product interacts with components of the I κ B kinase (IKK) complex, and can regulate both caspase-1 and NF- κ B (nuclear factor kappa-light-chain-enhancer of activated B cells) activity. The pyrin domain is necessary and sufficient for suppression of NF- κ B activity. An allelic variant (rs147585490) has been found that is incapable of blocking the transcriptional activity of NF- κ B. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016]

Locus ID:

55655

MW:

10.2