

Product datasheet for **SC200951**

NAPSIN A (NAPSA) (NM_004851) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NAPSIN A (NAPSA) (NM_004851) Human 3' UTR Clone
Symbol:	NAPSIN A
Synonyms:	KAP; Kdap; NAP1; NAPA; SNAPA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004851
Insert Size:	106 bp
Insert Sequence:	<p>>SC200951 3'UTR clone of NM_004851 The sequence shown below is from the reference sequence of NM_004851. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGACTGCGCAGGCGCAGTTCCCCGGGTGACGCCCAAGTGAAGCGCATGCGCAGCGGGTGGTCGCGGAG GTCCTGCTACCCAGTAAAAATCCACTATTTCCATTGA ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-Mlul
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_004851.3</u>



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Summary:

This gene encodes a member of the peptidase A1 family of aspartic proteases. The encoded preproprotein is proteolytically processed to generate an activation peptide and the mature protease. The activation peptides of aspartic proteinases function as inhibitors of the protease active site. These peptide segments, or pro-parts, are deemed important for correct folding, targeting, and control of the activation of aspartic proteinase zymogens. The encoded protease may play a role in the proteolytic processing of pulmonary surfactant protein B in the lung and may function in protein catabolism in the renal proximal tubules. This gene has been described as a marker for lung adenocarcinoma and renal cell carcinoma. [provided by RefSeq, Feb 2016]

Locus ID:

9476

MW:

3.8