

Product datasheet for **SC120439**

NAF1 (NM_138386) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NAF1 (NM_138386) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAF1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138386, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGTAGTGGAGGCCGCCGCTCAGCTGAAACTCTGAAATTCATGGCACCGACTTTGGAGTTG
GGGAAGGTCGGCGGCTCCGTCTCCGGGCTCTGCCCTGTGCCAGGGACACAGCCGCCGCTACAGTCGTT
TGAGGGGTCCCGGACGCTGGGCAGACCGTGGAGGTTAAGCCTGCCGGGGAGCAGCCTCTGCAGCCCGTT
CTGAACGCCGTCGCGGCCGGACCCCGCGCCGACCCACAGCCACCGGCTGAATCGCCGGCCTGCGGAG
ACTGCGTCACCTCCCAGGAGCCGACAGCCTGCGCGGGCGCCGACTCCTTGGAGACCTCGGACTCGGA
TTCGGACTCGGACAGTGAACAGATTTCAGATAGTTCAAGTTCATCGTCTTCTCTTCATCTTCTCATCG
TCGTCTTCTTCTTGTATATCACTTCTCCAGTGTGTCAGATGGAGATGATGATTTACAAATTGAGA
AGGAAAATAAGAATTTTCTCTTAAAACAAAAGATGAATTACTTCTTAATGAACTGCCTTCTGTTGAAGA
ACTCACTATTATTCTGCCTGAAGATATTGAGTTAAAGCCTCTTGGGATGTTTCAAGTATTATTGAACAA
CTAGTAATAATTGAATCTATGACTAACCTACCTCCAGTTAATGAGGAGACTGTAATTTTTAAAAGTGATC
GACAAGCAGCAGGAAAGATATTCGAGATATTTGGACCTGTTGCACATCCATTTTATGTGTTACGGTTTAA
TTCTTCAGATCACATTGAGAGTAAAGGTATTAATAAAGGAGACTATGATTTTGTCCATCAATGAAA
GATTTCACTCAATATATATTCACAGAAAACAAAACAGGATAAGGGATCAGATGCATCATGGAAGAATG
ATCAGGAACCACCAGAGGCCTTAGATTTTAGTGATGATGAAAAGAGAAGGAAGCCAAACAGAGGAA
AAAATCTCAGATCAAGGCCGAAAAAACTCAAATCTGAATTTAATGAGCCTGGTGAAGATTTTACTGAA
GTACATCAGAATTGGAATGCTCATAGCTCTGCTTCAGAGCATGCAAAAGGATATCGTAACAGAGAATTCA
CAGGAGGATTTCCAGGGCCAGATACCCTCGATCTTGCCATGGCAGGCCTCCACCTCAGCATTTCTATAA
CTCAGAACATATGGTATCTCAGGAGACTTCAGGATTTCTTCTCAGAGACAAAATAATCCCATTATGCCA
CAATACCCCTTTCTTCCAGTGTGGACATGCATAATTTCCCTCCGCCCTCCACCCACCACCAC
CCCCACCTGTAACATGGGTTGGGCTACACCAACATGGCTGCTCATCCATTACTTACTTACCATACTC
CCTACCCACCCCTCCCTCCACCACTGCCTCCTCCACCTCTTCTGGAGATAGTAATTCTCATTTT
GGACCTTACTATTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138386 unedited GTGTCAACTTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGGGAAAGC GTTGCTGCGTAAATGGCGGGGGCGTGTCTTTGGCTCCTCCGCGTGTAGTTACCTGAGAA ACGCGGGAAGTTGGGCCAGGCAGTGTTGCTGCGGTTGCCTAAGTTGTTTACTATTTCT GGAGAGAGCCGTGAGCTTGTCCAGGGGCCCAATCCTGAGGCCGACCCGGTTTCTGGCGC GGTGCGATGGAGGTAGTGGAGGCCGCCGCGCTCAGCTGAAACTCTGAAATCAATGGC ACCGACTTTGGAGTTGGGGAAGTCCGGCGGCTCCGCTCCGGGCTTGCCCTGTGCCA GGGACACAGCCGCGCTACAGTCGTTTGAGGGGTCCCGGACGCTGGGCAGACCGTGGAG GTTAAGCCTGCCGGGAGCAGCCTCTGCAGCCGTTCTGAACGCCGTCGCGGCCGGGACC CCGCGCCGACAGCCACAGCCACCGGCTGAATCGCCGGCCTGCGGAGACTGCGTCACCTCC CCAGGAGCCGACAGCCTGCGCGGGCGCCGACTCCTTGAGACCTCGGACTCGGATTGCG GACTCGGACAGTAAACAGATTCAGATAGTTCAAGTTCATCGTCTTCTTCTTCTTCTTCC TCATCGNCGNCTTCTTCTTGTATATCACTTCTCCAGTGCTGTCAGATGGAGATGAT GATTTACAAGTTGAGAAGAAAAAATAAGAATTTTCTCTTAAAACAAAAGATGAATTA CTTAATCTATAGAGANAATAAATCAGTCATGGCTCTCAGTACTNCAGGNATGGNATNC GTACTTNCACCATATCTNGAAAGTGAAGGCTCACCTATAGCATCAGAAGTGCCTTCTGT GAGACTACTATATTCTGCTGAGATATGAGTAAGC
Restriction Sites:	NotI-NotI
ACCN:	NM_138386
Insert Size:	3750 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_138386.1 , NP_612395.1
RefSeq Size:	1919 bp
RefSeq ORF:	1485 bp
Locus ID:	92345
UniProt ID:	Q96HR8
Cytogenetics:	4q32.2

Gene Summary:

RNA-binding protein required for the maturation of box H/ACA snoRNPs complex and ribosome biogenesis. During assembly of the H/ACA snoRNPs complex, it associates with the complex and disappears during maturation of the complex and is replaced by NOLA1/GAR1 to yield mature H/ACA snoRNPs complex. Probably competes with NOLA1/GAR1 for binding with DKC1/NOLA4.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (A).