

Product datasheet for SC111391

SAMSN1 (NM_022136) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SAMSN1
Synonyms:	HACSI; NASH1; SASH2; SH3D6B; SLy2
Mammalian Cell	None
Selection:	
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111391 sequence for NM_022136 edited (data generated by NextGen Sequencing) ATGCTGAAGAGAAAGCCATCCAATGTTTCAGAGAAGGAGAAACATCAAAAACCAAGCGA AGCAGCAGTTTTGGGAATTTTCGATCGTTTTTCGGAATAATTCTTTATCAAAACCAGATGAT TCAACTGAGGCACATGAAGGAGATCCACAAAATGGAAGTGGAGAACAAAGTAAACTTCA AATAATGGAGGCGGTTTGGGTAAAAAATGAGAGCTATTTTCATGGACAATGAAGAAAAA GTGGGTAAAAAGTACATCAAAAGCCCTTTCTGAGGAAAAGGATGAGGAAGATGGAGAGAAT GCCCCCATATAGAAACAGTGACCTGTGATTGGGACCCACACAGAGAAGGTGTCCTC AAAGCCAGTGACTCCATGGATAGTCTCTACAGTGGACAGAGCTCATCAAGTGGCATAACA AGCTGTTTCAGATGGTACAAGTAACCGGGACAGCTTTTCGACTGGATGACGATGGCCCTAT TCAGGACCATTCTGTGGCCGTGCCAGAGTGCATACGGATTTTCACGCCAAGTCCCTATGAC ACTGACTCCCTCAAAATCAAGAAAGGAGACATCATAGACATTATTTGCAAAACACCAATG GGGATGTGGACAGGAATGTTGAACAATAAAGTGGGAACTTCAAATTCATTTATGTGGAT GTCATCTCAGAAGAGGAAGCAGCCCCCAAGAAAATAAAGGCAAACCGAAGGAGTAACAGC AAAAATCCAAGACTCTGCAGGAGTTCTAGAGAGGATTCATCTGCAGGAATACACCTCA ACACTTTTGCTCAATGTTTATGAGACTCTAGAAGATTTAAAGATATAAAGAGAGTCA CTCATTGAATTAATATTGAAAACCCAGATGACAGAAGAAGTTACTATCAGCTGCTGAA AACTTCCTTGAAGAAGAAATTATTCAAGAGCAAGAAAATGAACCTGAGCCCTATCCTTG AGCTCAGACATCTCCTTAAATAAGTCACAGTTAGATGACTGCCAAGGGACTCTGGTTGC TATATCTCATCAGGAAATTCAGATAATGGCAAAGAGGATCTGGAGTCTGAAATCTGTCT GACATGGTACATAAGATTATTATCACAGAGCCAAGTGACTGA Clone variation with respect to NM_022136.3 6 c=>g



5' Read Nucleotide
Sequence:

>OriGene 5' read for NM_022136 unedited
 GGGCAGCATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTTTT
 CAGTTGTTTCTGTAAACAGCAGAAAGTGCCTCACTAGGAGTAGTCAGAATTCAAAATGCT
 GAAGAGAAAGCCATCCAATGTTTCAGAGAAGGAGAAACATCAAAAACCAAGCGAAGCAG
 CAGTTTGGGAATTCGATCGTTTTCGGAATAATTCTTTATCAAAACCAGATGATTC AAC
 TGAGGCACATGAAGGAGATCCACAAATGGAAGTGGAACAAAGTAAACTTCAAATAA
 TGGAGGCGGTTTGGTAAAAAATGAGAGCTATTCATGGACAATGAAGAAAAAGTGGG
 TAAAAAGTACATCAAGCCCTTTCTGAGGAAAAGGATGAGGAAGATGGAGAGAATGCCCA
 CCCATATAGAAACAGTGACCCTGTGATTGGGACCCACACAGAGAAGGTGTCCCTCAAAGC
 CAGTGACTCCATGGATAGTCTCTACAGTGGACAGAGCTCATCAAGTGGCATAACAAGCTG
 TTCAGATGGTACAAGTAACCGGGACAGCTTTCGACTGGATGACGATGGCCCTATTTCAGG
 ACCATTCTGTGGCGTGCCAGAGTGATACGGATTTACGCCAAGTCCCTATGACACTGA
 CTCCCTCANATCAAGAAGGAGACATCATAGACATTATTTGCAAAACACCAANTGGGGATG
 TGGACAGGAATGNNTGACAATANAGTGGGAACTTNCAATCATTATGTGGATGTCATC
 TCANAAGAAGAAGCAGCCCCCAGAAAAATAAGGCAACCGNANGGAGTACAGCANNAAT
 CCAGACTCTGCAGGAGTTTCTAGAGAGGATTCATCTGCAGAATACACCTCACACTTTTGC
 TCAATGGTATGAGACTCTN

3' Read Nucleotide
Sequence:

>OriGene 3' read for NM_022136 unedited
 TATGAACCGCGCACGCAATCTAAGGACGAGCTCTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTAATAATAAACATAAGGGGATGGCAATTTTAAAAATTTTA
 CCCTTAAAAACAAAACCTTTCCACAATTATTACAATGGGTTTCACTAAATCAAAAGGGAC
 TACCCATTTTCTTTACTTTTATCCCAAAAAACAAAAGGAAAAATTCACCAATTTTATTT
 CCTAAAACCCCACTGGGATCAGGATAAAAGGGGCCCAATATTAACCCACACTTTCCCAA
 TAAGTATAAAAAGGAATATAACATTGGTGGGACAACCTGTTTAAACAGGAAATCCTCTAT
 TACTATTTGGTCAATAACATATATAAATTCAAAACGGGCAGGTATAAAAAAGGTTACTT
 TGTTTTTGGCAAACTGGACTTGGAAAAAAAGCCAAATAAAGCATATGGCACACATAC
 CAAAGCTTACATTTGGCCTTTCTAATAACAAGCAGGGGAAATATTAACACATAGCATTTA
 AAATAATAATATATTTTTTTTATTGACAGTAATTGGGAATGTTAAAAATACAAAATTTTAT
 GGCCAATTATTCAAATTAACATTTAACTTTAGGTTTTATTACAAATATTAATCTTA
 TCTTCTCTCCTATTGGACGGTTTAGCTCAAGAAAAGTTAAAGGGAAGGCCTCTGTAGA
 TATATAGTTGGGAATGCGTGTTCAGCCACTTGGCTCTGGGATAATATCTTATGACCCTGT
 CAAAAGATTTTAGACTCCAACCCCTTTGCCATATGGAATTGCTGAGAGAAAAACACAA
 GCCCTTGGCAGCCCTCTACTGGACTATTTAGGAGAGCCGACCTAGGATAGGCCTAAGGCA
 TTTCTGCCCTGAAAACTCTCTCAGAAATTCAGCACGAATGACTTCTCTGCAACGGGTT
 TA

Restriction Sites:

NotI-NotI

ACCN:

NM_022136

Insert Size:

1960 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_022136.3, NP_071419.3</u>
RefSeq Size:	1893 bp
RefSeq ORF:	1122 bp
Locus ID:	64092
UniProt ID:	<u>Q9NSI8</u>
Cytogenetics:	21q11.2
Domains:	SH3, SAM
Gene Summary:	SAMSNI is a member of a novel gene family of putative adaptors and scaffold proteins containing SH3 and SAM (sterile alpha motif) domains (Claudio et al., 2001 [PubMed 11536050]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) represents the predominant transcript and encodes isoform 1.