

Product datasheet for **SC322520**

SAMSN1 (NM_022136) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAMSN1 (NM_022136) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAMSN1
Synonyms:	HACS1; NASH1; SASH2; SH3D6B; SLy2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322520
CACACTGCTGACTGTTTTCTGTTCTGTAAACAGCAGAAAAGTGCCTACTAGGAGTA
GTCAGAATTCAAAATGCTCAAGAGAAAGCCATCCAATGTTTCAGAGAAGGAGAAACATCA
AAAACCAAGCGAAGCAGCAGTTTTGGGAATTCGATCGTTTTCGGAATAATTCTTTATC
AAAACCAGATGATTCAACTGAGGCACATGAAGGAGATCCCACAAATGGAAGTGGAGAACA
AAGTAAAACCTCAAATAATGGAGGCGGTTGGGTAAAAAATGAGAGCTATTTTCATGGAC
AATGAAGAAAAAAGTGGGTAAAAAGTACATCAAAGCCCTTCTGAGGAAAAGGATGAGGA
AGATGGAGAGAATGCCACCCATATAGAAACAGTGACCCTGTGATTGGGACCCACACAGA
GAAGGTGTCCCTCAAAGCCAGTGACTCCATGGATAGTCTCTACAGTGGACAGAGCTCATC
AAGTGGCATAACAAGCTGTTTCAGATGGTACAAGTAACCGGACAGCTTTTCGACTGGATGA
CGATGGCCCTATTTCAGGACCTTCTGTGGCCGTGCCAGAGTGCATACGGATTTTCAGCC
AAGTCCCTATGACACTGACTCCCTCAAATCAAGAAAGGAGACATCATAGACATTATTTG
CAAAACACCAATGGGGATGTGGACAGGAATGTTGAACAATAAAGTGGGAACTTCAAATT
CATTTATGTGGATGTCATCTCAGAAGAGGAAGCAGCCCCCAAGAAAATAAAGGCAAACCG
AAGGAGTAACAGCAAAAAATCCAAGACTCTGCAGGAGTTCCTAGAGAGGATTCATCTGCA
GGAATACACCTCAACACTTTTGCTCAATGGTTATGAGACTCTAGAAGATTTAAAAGATAT
AAAAGAGAGTCACTCATTGAATTAATATTGAAAACCCAGATGACAGAAGAAGTTACT
ATCAGTGCTGAAAACCTTCTTGAAGAAGAAATATTCAAGAGCAAGAAAATGAACCTGA
GCCCTATCCTTGAGCTCAGACATCTCCTTAAATAAGTCACAGTTAGATGACTGCCCAAG
GGACTCTGGTTGCTATATCTCATCAGGAAATTCAGATAATGGCAAAGAGGATCTGGAGTC
TGAAAATCTGTCTGACATGGTACATAAGATTATTATCACAGAGCCAAGTACTGAACACG
CATTCCCAACTATATATCTACAGATGCATTCCATTTAACTCTTCTTCTGAGCTAAAACGTC
AAATAGGAGAGGAAGATAAGATAAATTTGTAATAAAACCTAAAGTTTAAATGTTTTA
ATCTGAATAATTGTACATAAAAATTTGTATCTCTAACATTCCAAATTAAGTCAATAAAAA
TATATATTTATTTTAAATGCTATGTGTTAATATTTCACTTGCTTGTATTAGAAAAGGC
AAAATGTAAGACTTTGGTATGTGTGACATATGCTTTATTTGGCTTTATTTTACAAGTACA
GTATCTGCAAAAAACAAAGTAACCTTTTTTTCATACCTGCCAGTTTTGAATTTATATATGT
TATTGAACAAATAGTAATAGAGGATTCGCTGTTGAAACAAGTTGCAAGCAATGTTATA
TTCATTTTATACTTATTGGGAAAGTGTGAGTTAATATTGGACACATTTTATCCTGATCC
ACAGTGGAGTTTTAGTAATTATATTTGTTGATTTCTTCATTTTCTGTTTCTGGTAAAAA
GTAGAGATAATGTGTAGTCACTTCTGATTTAGTGAAACCAATTGTAATAATTGTGGAAT
GTTTTGTCTTTAAGTGAATAATTTTAAAAATTTGACATACCTAATGTTAATAATAAAAA
GAACTATTTGCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_022136

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.

RefSeq: [NM_022136.3](#), [NP_071419.3](#)

RefSeq Size: 1893 bp

RefSeq ORF: 1122 bp

Locus ID: 64092

UniProt ID: [Q9NSI8](#)

Cytogenetics: 21q11.2

Domains: SH3, SAM

Gene Summary: SAMSN1 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.