

Product datasheet for **SC319647**

SYAP1 (NM_032796) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SYAP1 (NM_032796) Human Untagged Clone
Tag:	Tag Free
Symbol:	SYAP1
Synonyms:	BSTA; PRO3113
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032796.2
GGCAACCAAGTGCCTGCGGTCTCTGGGATCGGGACCGCGCGCGGCCCGAGCGG
GATGTTCCGGGGCTTGAGCAGTTGGTTGGGCTTGACAGCAGCCGGTGGCAGGCGGTGGCA
GCCCAATGGAGATGCTCTACCCGAGCAGCCGTCGAGACGGTGGCTGAGTCTGCGGAGGA
GGAGCTGCAGCAAGCGGGAGACCAGGAGCTCCTCCACCAGGCCAAAGACTTCGGCAACTA
TTTATTTAACTTTGCATCTGCTGCCACAAAAAGATAACTGAATCAGTTGCTGAAACAGC
ACAAACAATAAGAAATCCGTAGAAGAAGGAAAAATAGATGGCATCATTGACAAGACAAT
TATAGGAGATTTTCAAGGAACAGAAAAATTTGTTGAAGAGCAACATACAAAGAAGTC
AGAAGCAGCTGTCCCCATGGGTTGACACTAACGATGAAGAAACAATTCAACAACAAT
TTTGGCCTTATCAGCTGACAAGAGGAATTCCTTCGTGACCCTCCGGCTGGCGTGCAATT
TAATTTGACTTTGATCAGATGTACCCCGTGGCCCTGGTCATGCTCCAGGAGGATGAGCT
GCTAAGCAAGATGAGATTTGCCCTCGTTCTAACTTGTGAAGGAAGAAGTGTCTGGAG
GAACTACTTTTACCGCTCTCCCTGATTAAGCAGTCAGCCAGCTCACGGCCCTGGCTGC
CCAACAGCAGGCCGAGGGAAGGAGGAGAAGAGCAATGGCAGAGAGCAAGATTTGCCGCT
GGCAGAGGCAGTACGGCCAAAACGCCACCCGTTGTAATCAAATCTCAGCTTAAACTCA
AGAGGATGAGGAAGAAATTTCTACTAGCCAGGTGTTCTGAGTTTGTGAGTGATGCCTT
CGATGCCTGTAACCTAAATCAGGAAGATCTAAGGAAAGAAATGGAGCAACTAGTCTTGA
CAAAAAGCAAGAGGAGACAGCCGTAAGGAGGATTCTGCAGATTGGGAAAAAGAACT
GCAGCAGGAACCTCAAGAATATGAAGTGGTGACAGAATCTGAAAAACGAGATGAAAACTG
GGATAAGGAAATAGAGAAAATGCTTCAAGAGGAAAATTAGCTGTTCTGAAATAGAAAGAA
TAATCCTTAACAGTCTGCAAACTGACATTAATTTCTAGATGTTGACAATTACTGAAAAAA
AAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_032796



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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:	<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:	<u>NM_032796.2</u> , <u>NP_116185.2</u>
RefSeq Size:	2030 bp
RefSeq ORF:	1059 bp
Locus ID:	94056
UniProt ID:	<u>Q96A49</u>
Cytogenetics:	Xp22.2
Domains:	BSD
Gene Summary:	<p>Plays a role in adipocyte differentiation by promoting mTORC2-mediated phosphorylation of AKT1 at 'Ser-473' after growth factor stimulation (PubMed:23300339).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>