

Product datasheet for **SC319784**

SSPN (NM_005086) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSPN (NM_005086) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSPN
Synonyms:	DAGA5; KRAG; NSPN; SPN1; SPN2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_005086.3

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GGCCGAGCCAGCCGTGCGCCGCTCCAGGGCCAGGGCGCCGACACGCACCCACCCAC
CCACCCAGCCTCGCAGCGCCATGGGCAAGAACAAGCAGCCACGCGGCCAGCAGAGGCAGG
GGGGCCCGCCGCGCGGACGCCGCTGGGCCGACGACATGGAGCCGAAGAAGGGCACGG
GGGCCCCCAAGGAGTGCGGGGAGGAGGACCCCGACCTGCTGCGGCTGCGCGTTCCCGC
TGCTGCTCGCCCTGCTGCAGCTGGCCCTGGGCATCGCCGTGACCGTGGTGGGCTTCCTCA
TGGCGAGCATCAGCTCCTCCCTGCTAGTCAGGGACACTCCATTTTGGGCTGGGATCATTG
TCTGCTTAGTGGCTATCTTGGCTTGTATGCTTTGTGTCTCATATCAGGTTGACGAAC
GGACATGTATTCAATTTCTATGAACTGTTATACTTTCTGCTGAGTGCCCTGGGCTGA
CGGTCTGTGTGCTGGCCGTGGCCTTTGCCGCCACCACTATTCGAGCTCACACAGTTTA
CCTGTGAGACCACACTCGACTCTTGCCAGTGCAAAGTGCCTCCTCGGAGCCGCTCAGCA
GGACCTTTGTTTACCGGGATGTGACGGACTGTACCAGCGTCACTGGCACTTTCAAAGTGT
TCTTACTCATCCAGATGATTCTTAATTTGGTCTGCGGCCCTTGTGTGCTTGTGGCCTGCT
TTGTGATGTGGAACATAGGTACCAGGTCTTCTATGTGGGTGTCAGGATATGCTCCCTCA
CGGCTTCCGAAGGCCCCAGCAAAAGATCTAACATTCTTGCTCAAAGTTGCGAGAGAAAG
TAGCACATGGAGTAGCTGAGGTTAAACAAACAAAAAAATTTTAAACAAAAAA
AAAAAA
  
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Restriction Sites: Please inquire

ACCN: NM_005086

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).


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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:	NM_005086.3 , NP_005077.2
RefSeq Size:	2707 bp
RefSeq ORF:	732 bp
Locus ID:	8082
UniProt ID:	Q14714
Cytogenetics:	12p12.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a member of the dystrophin-glycoprotein complex (DGC). The DGC spans the sarcolemma and is comprised of dystrophin, syntrophin, alpha- and beta-dystroglycans and sarcoglycans. The DGC provides a structural link between the subsarcolemmal cytoskeleton and the extracellular matrix of muscle cells. Two alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Oct 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>