

Product datasheet for **MC201335**

Sspn (NM_010656) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sspn (NM_010656) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sspn
Synonyms:	Krag
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021484 sequence for NM_010656
 CCACGCGTCCGGCCAGCAGCAAGGCCAGGCGCAGGCACCACCGAGGGAACATGGGGCGCAAGCCGAGC
 CCCAGGGCTCAGGAGCTGCCTGAGGAGGAGGCGCGGACCTGTGTGGCTGCCGCTTCCCCTGTCTGTGG
 CACTGTGCAGCTGGCGCTGGGCATCGCGGTGACCGTGTGGCTTCTCATGGCGAGCATCAGCCCCTC
 CCTGCTAGTCAGAGATACTCCGTTCTGGGCTGGGATCATTGTCTGCGTGGTGGCTTACCTTGGACTGTT
 ATGCTTTGTGTCTCATACCAAGTTGACGAGAGGACATGTGTCCAGTTTTCTATGAAGGTATTCTACTTCC
 TGGTGAAGTGGCCCTCGGCCTGATGGTCTGCATGCTGGCTGTGGCCTTTGCTGCCACCCTACTCCCTGCT
 TGCAGCAGTTTACCTGCGAGACCTCCCTGGATTCTTGCCAGTGCAAGCTGCCTTCCCTCGGAGCCGCTCAGC
 AGGGCCTTTGTTTACAGGGATGTGACTGACTGTACCAGCGTCACTGGCACTTTCAAATTGTTCTTAAATCA
 TCCAGATGGTCTAAACCTGGTCTGTGGCTCGTGTGCTTGTGGCTTGTGATGTGGAAACACAG
 GTACCAGTCTTTTATGTGGGTGTGGGCTGCGCTCCCTGATGGCTTCTGATGGCCAGCAACCAAAGGCC
 TAACAGTTGGCTCAGAGGGAGACAAGCTCAGAAACGGCACACCCACTGACTAGTCAAGGTGAAAAAAC
 CACAATTTGTAAAGCAAACCTTTTGACAACGAATACTTTTTCTTCTAAATGTGATTTTTAGATTT
 TTTTTTTTTCAGAAAACAAAACAACTTTGTTTTGGATCTCTATTGTACTTTTTAAAAACTTCTTGTGAG
 GACAGGGTGGAGAGACGGCTTACAAGTGAAGAGGACTTGTCTCTTTCCGAGGACTCGGGTTCAGCT
 CAGTTCCGGAGCCCAAGTTCAGTGGCTCACAGTACCTGTACCTCCAGCTCCGGGACATTGGGAGCACA
 CGCATGGCAGACGCGTGATTTAGAGAATCTAACCTATTTTTAAAGTTCTAATGAGAAACATGATTCAAA
 TTGACTTGGTGAACACCGAAAGGAAAAGAACACAGACAGGGAAGAGATGACCTAGAGCCAGCGTACGT
 CTGGTGTATATCCAGCCGCCCTTACATCCTCACCTCCTCCGCCTTCCCGTTAGTCCAGTGCATGGTG
 TGAAGTGGCATCACCCATAGACTCTAGAGTCTCCGGCTCCTCTACCACCTGCCATTATCCCTGTGGTGT
 CTTGGGAAAGGTCTAAGGAAAGCTGGATCTCAGTTGAGTGCTTTTATGTTTTACAGTGGAGATGTCTTC
 AAGGCATGAAATGGCTTTAAAAAAAACAACTAGTTGAACAGGAAGGCTGAGTGATTTCTGAACACCTGGGC
 TGGGGTGCAGACTTCCGGTTGCCTTAGCTCCGATCCAGAGTGGGCTGCAGCCTCCGTGAGGTCTGATTC
 ACCATAATTGAAAGGTGGTGTGCTGTTGCATTCTTAACGACGAGGAAAGTTAAAAATAATTATATTATGCC
 TCTAGTCTGTCATCTAAAACAAATCATTAAAGACTAATTTCCAGCTAATTGTTTATTATAATTATGCTCAG
 GATTCTGTTTAAATGAGCTCTGGCTGTTCTTAGGCAGCACCGTTGGTGTAGGAAAAATTACAGCCACAAG
 GGAAGATGGTGAAGATCCACTTTCCTGGAAATCAACCACTGCAAAAAATGATCTTGAAAAATTGAAA
 CACTCTCAGAGGAAAACAACCAAGAGCATTGTGCACAGGAAATGCTTATATTAACAACACATTTTTGAT
 ATTGAAAAGTATCTCCAGTACCACCAAGTACCTTTGATGGGATTGGGACTAAGTCTGTACATACAT
 GGACTTCTGGGAAATCCTAGTAATGAGGGCTTTACAGTTGACCTAGAGACAGAATGTCTCAAAGCCCT
 TGTTTGGGTGATACATCCACAGTTAGGGTATTCAGTCTCAGTTTACAGTAAAGACATGGTACTTGGTTAA
 GACAGACTTTGCTATGTAATTGGGTAATAATCCACCAAAGGAATGGGGTGGTGGCGGCACATGTCTTTAA
 TCCAGCACTTGGAAAGTAGAGGCAAGGTATTCTGTGAGTTGAAGGCTAGCCTGGTCTACAAAGAAAG
 TTCTAGGACAGCCAGAGCAGAGAGAGAAACCCTGTCTTGAAAAAACAAAATAAACAAACAAAAACAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010656

Insert Size: 651 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.

RefSeq: [BC021484](#), [AAH21484](#)

RefSeq Size: 2322 bp

RefSeq ORF: 651 bp

Locus ID: 16651

UniProt ID: [Q62147](#)

Cytogenetics: 6 77.7 cM

Gene Summary: Component of the dystrophin-glycoprotein complex (DGC), a complex that spans the muscle plasma membrane and forms a link between the F-actin cytoskeleton and the extracellular matrix. Preferentially associates with the sarcoglycan subcomplex of the DGC (By similarity). [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.