

Product datasheet for **SC108727**

SS18L2 (NM_016305) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SS18L2 (NM_016305) Human Untagged Clone
Tag:	Tag Free
Symbol:	SS18L2
Synonyms:	KIAA-iso
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_016305 edited ATGTCGGTGGCCTTCGTACCGACTGGCTGAGGGGCAAGGCGGAAGTCAATCAAGAGACT ATCCAGCGGCTCCTTGAGGAGAATGACCAGCTGATCCGCTGTATTGTGGAGTATCAGAAC AAGGGCCGCGGGAACGAGTGCCTGCAGTACCAGCATGTGTTACATAGAAATCTCATTTAT TTGGCTACCATTCGAGATGCCAGTCCAACCAGCACTTCAAAAGCAATGGAATAA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016305 unedited AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGAGGTTCTCGGGATGT CGGTGGCCTTCGTACCGACTGGCTGAGGGGCAAGGCGGAAGTCAATCAAGAGACTATCC AGCGGCTCCTTGAGGAGAATGACCAGCTGATCCGCTGTATTGTGGAGTATCAGAACAAGG GCCGCGGGAACGAGTGCCTGCAGTACCAGCATGTGTTACATAGAAATCTCATTTATTTGG CTACCATTGCAGATGCCAGTCCAACCAGCACTTCAAAAGCAATGGAATAATCTTTCAAAA GCAATAGAAATAATCTTCATTTGGCTGTCGTGAGGAGTAATTGAATGTAATCCATCTCTT ACAAAATGGAGACAGGTCTTTACCAACTCAACTGGTTAAACATGAATGAAACCTCTGT GGCTCTTTCAAAACGTGAAAATGTGAAGAAAGCTACTAAGTGTAGCTGATTCTCATGTAA ATATTTTTTAAATAATTAAGCAAATCCCTCAATAAGTTGAGCCAGGTGCTCTTTCTCT GAAGTGGAGCATGTTTGGATAACAAAGACATCACTGGGATGTTCAAGTCTACTTTTGA TTTCAACCTGAAGAGGAACTCAGTAGGTGTTGGGCAGGAATTGGTGAGATTCTGACTT GATACCTTGCTAAATGGACATGTAAGTGTGTGCTCCTTCCTATCAGTTTGTAAATGTGGC CCCCTGACTGCTGNTNTCAGATTGCTTTGAAATAAAGCTATTTTTCTATAAAATAAAAA AAAAAAAAAAAGTCTGACTCTAGATTGCGGCCGCGGTATAGCTGTTTCTGAACAGATC CCGGNTGCATNCCTGTGACCCCTCCAGTGCCTCTCTGCCCCTGAAGTGCCACTCATGC CCACAGCCCTGNCTATAAATAGTTGCATATTTGCTGACAGGGGCCTT


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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016305 unedited <pre> AGTTTTGNACTCGCGCCGCATNCTTACGATCGAGTTTTTTTTTTTTTTTTTTATTTTAT AGAAAAAAGCTTTATTTCAAAGCAATCTCGAAAAACAGCAGTCAGGGGGACCATTTTAC AAACTGATAGGAAGGAGCACACAGTTACATGTCCATTTAGCAAGGTATCAAGTCAGGAAT TTTACCAATTCTGCCAACACCTACTGACTTTCCTCTTCAGGTTGAAACTAAAAAGTAC ACTTGAACATCCCAGTGATGTCTTTGTTATCCAAACATGCTCCAAGCTCACGAAAGAGGA CACCTGCGCTCACCTTATCGAGGGATTTGCTTAATTATTTAAAAAATATTTACATGAGAA TACAGCCAACTTAGTACCTTTCTTCACATTTTCACGTTTTGAAAGAGCCACAAACGTTTC ATTCATGTTTTAACCATTTGAGCGCCAAAAACCTGCCTCCATCTCGTAAGATACGGAAT ACTTCCATCCCTCCTCCACACCCCAATGGACCATCCCCCTACCGTCCCGAAAGATAATC CCTTGCTTCCGAAGGGCCGCCGACCGTCTTTGCATGTACCCTCACACAGTCAACTCCT TGCACCCCATCCCTGGACTTCCCCACCGTCTTCGGGGCCCTGCTCCGAAACTCCCTTA CATCCATTTCTGTCCCCTCCTTAAGCCCCGCTCGACCACTCCATGCATTATCCTTT CGCTTTGCCTTCCCGCCCAATCGCATCCCATTTTAGGACACTCCTCCCTCTCCCATTCC CGCGCCCTTTATTTCCCTCTCTCCACAAATTCGTCCCGTCCCCACCCCTTGTCT CACTTTTCCCCCAATTTCCCCCCTCCCATTTTCGGTTCACGTGCCTGGTCTACCCTA TTATCCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016305
Insert Size:	780 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:	<u>NM_016305.1</u> , <u>NP_057389.1</u>
RefSeq Size:	817 bp
RefSeq ORF:	234 bp
Locus ID:	51188
UniProt ID:	<u>Q9UHA2</u>
Cytogenetics:	3p22.1
Domains:	SSXT

Gene Summary:

Synovial sarcomas occur most frequently in the extremities around large joints. More than 90% of cases have a recurrent and specific chromosomal translocation, t(X;18)(p11.2;q11.2), in which the 5-prime end of the SS18 gene (MIM 600192) is fused in-frame to the 3-prime end of the SSX1 (MIM 312820), SSX2 (MIM 300192), or SSX4 (MIM 300326) gene. The SS18L2 gene is homologous to SS18.[supplied by OMIM, Jul 2002]