

Product datasheet for **SC101807**

SPDYE1 (AK091784) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPDYE1 (AK091784) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPDYE1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK091784, the custom clone sequence may differ by one or more nucleotides

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TTTCCGAAATAGACCCCAATATTCTGCCTTTACCCCGGAGGATGCAGATGTACCTTCTCTCAGGCCGATG
ACCTCAGGCCTCCATGGTCCCTGGAGCTCTAGGAAAGCGAGCGGATCTCGCGCCACACCCAGTGCTC
TGGGTATAAGCCTGGATCTGAAAAACAAACGCCCTTTGAGAAGACGGGACTCGCCAGGATACCCCTC
TCTCCCTCATCCAGCCTCCAGCCACCCAATTCTCCACCTCTCCACCTCCCCAGGCCCACTCAC
CTCCTCCAACCTCTCTGGGGAACCCAAGCCTGCAGCTCATGGAACAGGAGAAGTGAACCGACGTTTC
TGAACAGGACTATCTGAGAGCGGTTCTTCTGGCCCTCGGGTTCATGCGACGGCGTAACGGAACCGAC
GCTTACGGACCAAGGGAAGTGAAGATGTTTTGTTGGAGTCTCGTCGCTCTCTCCATGTCTATTGGCC
AGGTAGCTGAGGACAGGAATCAGGTTGCCGCTCAGGGGCACCACCAGGAGAGACCTCCGGCTGAGGTCAG
CTTCCAGAGAGGAAGAGTAAAGAGGACAAATAGGTGAAAGAACAATGAAAGGCTGGAATCCCACTTCC
CCCGCTGTCCAGGCAATTGGATATTGACGGATAGGAGGCAGAAACCACTCACAGAGCCAGGAAGAAAT
GAAGGCGTTGGTATTGCCAGGAGGGGAAGCCGGCTCGGCTGAAATACGCTATGACCATAGCAAGGAGATA
CTGATGGAGAGAAAGGAACACAGAGAGGGAGAGGTACATCTTGAAGAGGAAGATTGTGGAGAGGGGGA
ATGAGGGTCTGGGAGGGGCTGCCATCAGAGAAGGGACCTCAGTGTGGGGTGAAGTGTACTCATTGGGA
AATTGCGGGATGGAGGGGTATTCGAAGGTCCGATGCAATCCGAGAAGCCAGAGGAAGGGTTTTGGGTGA
TGCTCCAGGATGGTGGGCTCCGATGGGATCTTTGGAGGGGTGTGTCTAGGTTGGCTGGTGTGAGGAGG
GTCTTTTGTGTGCCAGGCAGAGAACTGTCCGAAGAGCTGAGAGTAGAGGGGCCAGGAGCTTCAGGGCTG
CGGCCAGACTGTGGCCAGAGCTCAGATCCCAAGGACCCATAGGAGAGGCAGGGGCCACTCATTCACTC
TGCAAGAGACCAGCAGAATCCTGAGGGAGATGCTGACAAATCATAAAAAGACCAAGAATAGCCGGGAGTG
CGGGCTCAAGCCTGTGATCCCACTACTTTTGGAGAGTGGAGACAGGAGGATCATGTGAGCCCAACAGTT
CGAGAACAACCTGGGCAACATAGTGAGACCTGTTTCCACAACATTTCAAAAATTAGTTGAGCATGGTG
GCATGTGCTAGTCCAGCTCCTCAGGAGGCTGAGGAAAGAAGATTGCTTGAAGCCAGGAATTAGAGGCT
GCAGTGAGCTATGATCATGCCACTGCACTCCATCTGGGAGCAGAGCTAGATTCTGTCTCACAAAAAAA
AAATTTGTGGGTGCCAAGACTCAAGACCATGGGAGCTGGTGGGCACAGTGGTGACGTCTGTGATCTCA
GCACCTTTGGGAGGCCAAGGTGGGTGGATTGCCTGAGGTGAGGTGTTGAGGACCACTGGCCAACATGGC
AAAACCCGTTTCTACTAAAAACACAAAAATTGGCCGGGCGTGGTGGTTCATGTCTGTAATCCCACTGC
TTGGAGGCTGAGGCAGGAGAATCGCTTGAACCCAGGAGGCATCGGCTGCAGTGAGTGAAGATCGAGACAC
TGCCCTCCAGCCTGGGCAACAGAGCAAGACTCTGTCTCACACACAC
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK091784 unedited

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GGGGTTCACATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCCAGGCT
GGTCTCGAACTGCTGACCTCAGTGATCCGCCTGCCTCGGCCTCCCAATGCTGGGATTGC
AGGCGTATTCCACTGTGCCAGCCTGAGTTTCTGTTTAAACAACAGTCTATGATAGTA
TAATCCTCTCTTTTTGTACACAGAGTAAAGAGGACAAATAGGTGAAAGAACAATGAAA
GGCTGGAATCCCACTTCCCCGCTGTCCAGGGCATTGGATATTGACGGATAGGAGGCAG
CAAACCACTCACAGAGCCAGGAAGAAATGAAGGCGTTGGTATTGCCAGGAGGGGAAGCCG
GCTCGGCTGAAATACGCTATGACCATAGCAAGGAGATACTGATGGAGAGAAAGGAACACA
GAGAGGGAGAGGTACATCTTGAAGAGGAAGATTGTGGAGAGGGGAATGAGGGTCTGG
NGAGGGGCTGCCATCAGAGAAGGGACCTCAGTGTGGGGTGAAGTGTACTCATTGGAAA
TTGCGGGATGGAGGGGTATTCGAAGGTCCGATGCAATCCGAGAAGCCAGAGGAAGGGTT
NTGGGTGATGCTCCAGGATGGTGGGCTCCGATGGGATCTTTGGAGGGGGTGTGTCTAGG
TTGGCTGGTGTGANGAGGGTCTTTTGTGTGCCANNGCAGAGACTGTCCCAAGAGCTGAG
AGTAGAGGGGGCCAGAGCTTCAGGGCTGCNGCCAGACTGTTGCCAGAGCTCAGATCCCA
AAGGACCATAGAGAAGCAGGGGCCACTATTCACTTCTGCAGAGACAGCAGAATCCTGA
GGNAGATGCTGGNCAATCATTAAGAAGACCAAGATAGCCCGGAGTGGCGGCTCAAGCCTGT
GATCCAGTACTTTTTGAAAGTGG
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3' Read Nucleotide Sequence:	>OriGene 3' read for AK091784 unedited <pre> CGTCACTATGAACCGCGCCGCAATCTANATCGAGTTTTTTTTTTTTTTTTTTGTGTGTG TGAGACAGAGTCTTGCTCTGTTGCCAGGCTGGAGGGCAGTGTCTCGACCTTCACTCACT GCAGCCGATGCCTCCCGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCAAGCAGCTGGGAT CACAGACATGAACCACCACGCCTGGCCAATTTTGTGTTCTAGTAGAAACGGGGTTTTG CCATGTTGGCCAGGTTGGTCTGAACACCTGACCTCAGGCAATCCACCCACCTCGGCCTC CCAAAGTGCTGAGATTACAGACGTCAGCCACTGTGCCCGACCAGTCCCATGGTCTTGAG TCTTGGCACCCACAAAATTTTTTTTTTTGTGAGACAGAATCTAGCTCTGCTCCCAGGATG GAGTGCAGTGGCATGATCATAGCTCATTGCAGCCTCTAATTCTGGGCTCAAGCAATCTT CTTTCCTCAGCCTCCTGAGGAGCTGGGACTAGGCACATGCCACCATGCTCAACTAATTTT TGAAATGTTTGTGGAAACAGGTCTCACTATGTTGCCAGGTTGTTCTCGAACTGTTGGG CTCACATGATCCTCTGTCTCCACCTCTCAAAAAGTACTGGGATCAACGGCTTGAGCCGC CACTCCCCGCTATTCTTGGTCTTTTATGATTTGTCAGCATCTCCCTCAGGATTCTGCTG GTCTCTTGCAAAATGAATGAATGGCCCCTGGCTCTCCTATGGGTCCCTGGGATCTGAAC TCTGGGCCACAGTCTGGCCGCAGCCCTGAAGCTCCTGGCCCCTCTACTCTTAGCTTTTCG GGAAATCTCTGGCTGGACACAAAGAATTCTGAACCCGCCAACTAAAACCACCCCT CCAAGATCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK091784
Insert Size:	1600 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:	AK091784.1
RefSeq Size:	1866 bp
RefSeq ORF:	1866 bp
Locus ID:	285955
Cytogenetics:	7p13
Gene Summary:	This gene is located at chromosome 7p13 which is close to the Williams Beuren syndrome chromosome region 7q11.23. [provided by RefSeq, Jul 2008]