

Product datasheet for **SC302519**

SPDYE2 (NM_001031618) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPDYE2 (NM_001031618) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPDYE2
Synonyms:	SPDYB2-L1; SPDYB2L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302519 representing NM_001031618. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGACAGAACGGAGACTAGGTTCCGTAAGAGGGGACAGATTACGGGAAAGATCACGACCAGCCGTCAA
 CCGCACCCCCAGAATGAGCAGAGTCCCCAGCGGAGCACCTCGGGGTACCCCTCCAGGAGGTGGTGGAT
 GATGAAATGTTGGGACCATCAGCCCTGGGGTAGATCCCAGCCCCCATGTAGGTCCTTGGCTGGAAA
 AGGAAGAGGGAGTGGTCAGATGAATCTGAGGAGGAGCCGGAAGGAGCTCGCCCTGAGCCTGAGGAG
 ACCTGGGTAGTGGAGATGCTGTGTGGGCTCAAGATGAAGCTGAAGCAACAGCGAGTGTACCCATCCTC
 CCTGAGCACCACAAGGACTTCAACAGTCAGCTTGCCCTGGGGTAGATCCCAGCCCCCGCATAGGTCC
 TTTTGCTGGAAAAGGAAGATGGAGTGGTGGGACGAATCTGAGGAGTCGTTGGAGGAGGAGCCACGGAAG
 GTGCTCGCCCTGAGCCTGAGGAGATCTGGGTGGCGGAGATGCTGTGTGGCTCAAGATGAAGCTGAAG
 CGACGGCGAGTGTGCTCGTCTCCCTGAGCACCACGAGGCCCTTCAACAGGCTGCTTGAGGATCCTGTC
 ATTTAAAGATTCTTGGCTGGGACAAAGATCTGAGGGTGTGCGACAAGTATCTCCTGGCTATGGTCATA
 GCGTATTTACGCCGGCCGGCTTCCCTCCTGGCAATACCAACGCATTTCATTTCTTCTGGCTCTCTAC
 CTGGCCAATGACATGGAGGAGGACGACGAGGACTCCAAACAAAACATCTTCCACTTCTGTATAGGAAG
 AACCGCTCTCGCATACCTTGCTCCGTAAGCCTTGGTTCCAGTTAGGCCATTCCATGAACCCGAGGGCC
 AGGAAGAACCCTCTCGCATACCTTGCTCCGTAAGCGTCGGTTCCAGTTATACCGTTCCACGAACCCG
 AGGGCCAGGAAGAACCCTCTCGCATACCTTGCTCCGTAAGCGTCGGTTCCAGTTATACCGTTCCATG
 AACTCGAGGGCCAGGAAGAACCCTCTCGATAGTCTGTTCCAGAAACGACGGTTCCACTTCTTCTGT
 TCCATGAGCTGCAGGGCTTGGGTTTCCAGAGGAGTTGGAGGAGATCCAGGCTTATGACCCAGAGCAC
 TGGGTGTGGCGCGAGATCGCGCTCACCTTTCC**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001031618
Insert Size:	1209 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).
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:	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_001031618.3</u>
RefSeq Size:	1983 bp
RefSeq ORF:	1209 bp
Locus ID:	441273
UniProt ID:	<u>Q495Y8</u>
Cytogenetics:	7q22.1
MW:	48.3 kDa