

Product datasheet for **SC208852**

SPDYA (NM_182756) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SPDYA (NM_182756) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SPDYA
Synonyms: RINGO3; RINGOA; SPDY1; SPY1
ACCN: NM_182756
Insert Size: 699 bp
Insert Sequence: >SC208852 3'UTR clone of NM_182756
 The sequence shown below is from the reference sequence of NM_182756. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGGAGTGGTTTACAGGAAGTGAAGAATGAGATGGCCCACTAAACCAATTTGGAATCATTAACTACAA
AATGTCAAACTAACTGCAAGACAAGTGTCAAAATGGGATGTTTAAAGCAGTTTTGCTATGTTATACATCT
TTTAGTTGTTATTTTCAAATTATATGTATAAGTTATATAAGTCATAGTAATAGCTAAAAATGCCAATC
TATGGAAGCAGTGATTTTCAATATAAAGTTCTATTTTGATATTTTCCATCTTCAAGTCAGTTACTGTC
ATCTGGAGTACTCAGTTAAGTTGTGGTTTGACCTTCTCAACTTGACAAGAAAAGCTAATTTAAGAGAA
GAAAAACATAAAGTCATTATATTAATTAAGAAAAAACACCATTTAATATGTTCTGAAAACATTACTC
ACCTGTATGACCAGTTGCCAGTGTACTGGTCTAGCAACATAGGGAAATGATCCATATGGAAAATCAGA
ATGCGATTCTTCTGTTGAAAAAATATATGTAATAAGCTACATAAAATATTTTCTATTTTTTTTTCAC
AAAAGTAAAAATATGAGTTACTCTTTATTGTAAGTTTTTTCTTTATTTTCTTCTGTCATATGTT
TTAGAGCTACTCTGCCAGTTATTATACAGAAACTATTTGTCAATGATTATGTAATAAACATATGATTTT
ATAACCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_182756.4</u>
Summary:	Regulates the G1/S phase transition of the cell cycle by binding and activating CDK1 and CDK2 (PubMed:12972555). Contributes to CDK2 activation without promoting CDK2 phosphorylation, by inducing a conformation change of the CDK2 T-loop that obstructs the substrate-binding cleft prior to kinase activation (PubMed:28666995). Mediates cell survival during the DNA damage process through activation of CDK2 (PubMed:12839962). [UniProtKB/Swiss-Prot Function]
Locus ID:	245711
MW:	28