

## Product datasheet for MC211550

### Spdye4a (NM\_029048) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Spdye4a (NM\_029048) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Spdye4a  
**Synonyms:** 4930445A17Rik; 4930451F05Rik; RINGO E4A; Spdy2; Spdyb; Spdye4; Spy/Ringo B  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211550 representing NM\_029048  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGGGGAAGGGACGCCAGGCGTGGATTACGCCAGAGTCCAGGAGGGGCGGGAGAGATCAGAGTCTGG  
 GATTTGTGGAAGGAGAATACAGGTTGGGAGAATCGTGACTGCTGGCCAAGTGCATTGTGTTCTGAGGA  
 ACAGAGCCCTCAGCCTGGCATCACCAGGCCCTCACCTGGGGTGGTGGTAGATGGGGAGAGCTCAGGACTG  
 GCAGAACCAAGGGTGGAAGCCACTCCCCAGCCTCCATCCAGCATCCAAAAGAGGAAGAGGGACGAGTCAT  
 TAGATTCTGAGGATGACCTGGCAGAGCTATTTGAACCTGATCCCCAGCCAGTGTGGTCAAGTGGAGATGCT  
 GTGCGGACTTAGGATGAGGCTGAAGAGGCGACGTGTGTCTACAGTGAGGCCTGAACACCAAGGCTTTC  
 ACCAAGCTGCTCGAGGATCCTGTGGTGAATAATTCCTGACCTGGGACAAGATGCTGAGGGTGTGAGACA  
 AGTACCTCCTGTCTATGGTCATAGCTTATTTAGCCGCGCTGGGCTTTCTCTGGCAGTACAGGCCCAT  
 CCACTTCTCTGGCTCTACCTGGCCAATGACATGGAGGAGGACAACCAGGCCCTAAGCAAGACATT  
 TTTTACTTCTCTATGGGAAGAGCTATGCCAGCGCCCATGTTCCACAACTGCGCTTTCAGTTTATTTC  
 GGTCATGGGCTGGAAGATCTGGGTGTCCCGGAGGAGTGTGAAGAGATCCAGGCTTACAATCCAGACCT  
 TTGGGTGTGGCACGAGATCGCACCAACCTGACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_029048  
**Insert Size:** 807 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_029048.3</a> , <a href="#">NP_083324.3</a>
<b>RefSeq Size:</b>	1819 bp
<b>RefSeq ORF:</b>	807 bp
<b>Locus ID:</b>	74673
<b>UniProt ID:</b>	<a href="#">Q5IBH6</a>
<b>Cytogenetics:</b>	5 G2
<b>Gene Summary:</b>	Promotes progression through the cell cycle via binding and activation of CDK1. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).