

## Product datasheet for **RN216684**

### **Spryd3 (NM\_001191790) Rat Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Spryd3 (NM_001191790) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Spryd3                                   |
| Synonyms:                 | RGD1561500                               |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:** >RN216684 representing NM\_001191790  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGAGGACGCGGCCGCCCGTTTGTCTCATGAACAAGATGGATGACCTCAACTTGCACTACCGGT  
 TTCTGAACTGGCGAAGGAGGATTCGGGAGATCCGAGAGGTCCGGGCTTTCCGATATCAGGAGAGGTTCAA  
 GCATATCCTTGTAGATGGTGACACTTTGAGTTACCATGGAATTCGGTGAAGTTGGCTGCTATGTGGCT  
 TCTCGACCCCTGACCAAGGACAGCAATTATTTGAGGTATCTATTGTGGACAGCGCGTCCGGGGACCA  
 TTGCTGTGGGACTGGTCCCTCAGTACTACAGCTTGGATCACCAGCCTGGCTGGTTGCCTGACTCTGTAGC  
 CTACCATGCTGATGATGGCAAGCTATACAATGGCCGCGCCAAGGGACGTCAGTTTGGGTCAAAGTGAAC  
 TCTGGGACCGGATTGGCTGTGGCATTGAGCCTGTGTCTTCGATGTGCAGACTGCCAGATCTTCTTCA  
 CCAAAACGGGAAGCGGGTGGGCTCCACCATCATGCCATGTCCCAGATGGGCTCTTCCAGCAGTTGG  
 TATGCATTCCCTGGGTGAGGAGGTGAGGCTGCACCTCAATGCCGAGCTGGGCCGTGAGGATGACAGCGTC  
 ATGATGGTGGACAGTTATGAAGATGAATGGGGCCGGCTGCATGATGTGAGTCTGTGGGACGCTGCTGG  
 AGTATTTGGGGAAGGGCAAGAGCATCGTGGACGTGGGACTGGCTCAGGCTCGGCACCCACTCAGACCCG  
 CAGCCATTACTTTGAGGTGGAGATTGTGGACCCCGGAGAAAAGTGTATATCGCCTTGGGGCTGGCCCG  
 AAGGATTACCCAAGAACAGACACCCCTGGCTGGAGTAGGGGTCTGTGGCCTACCATGCAGATGATGGGA  
 AGATATTCATGGCAGTGGTGTGGGGGACCCCTTTGGGCCACGCTGTACAAAGGGGACATTATGGGCTG  
 TGAATCATGTTCCCCGGGACTACATTCTGGACAGTGAGGGGATAGTGATGACAGTTGTGACACAGTG  
 ATCTTGTCTCCTCACTGCCCGGGCTGTCCGGAACGTCCGAAACGTCATGTACCTGCACCAGGAAGGGAAG  
 AGGAAGAGGAGGAAGAGGAGGAGGAGGAAGATGGGAAGAGATAGAGCAGGAGCATGAGGGAAGAAGGT  
 GGTGGTCTTCTTACCCGGAATGGCAAGATCATTGGGAAGAAGGATGCTGTTGTACCGTCTGGAGGCTTC  
 TTTCTACCATGGCATGCTCAGTTGTGGGAGAAAGTAAAGTAGACCTGCACCCCTTGTAGTGGCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001191790

**Insert Size:** 1329 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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:** NM\_001191790.1, NP\_001178719.1

**RefSeq Size:** 2414 bp

**RefSeq ORF:** 1329 bp

**Locus ID:** 315327

**Cytogenetics:** 7q36