

## Product datasheet for **SC108740**

### SPIN2A (NM\_019003) Human Untagged Clone

#### Product data:

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                               |
| Product Name:             | SPIN2A (NM_019003) Human Untagged Clone                                                           |
| Tag:                      | Tag Free                                                                                          |
| Symbol:                   | SPIN2A                                                                                            |
| Synonyms:                 | dj323P24.1; DXF34; SPIN2; TDRD25                                                                  |
| Mammalian Cell Selection: | None                                                                                              |
| Vector:                   | <u>pCMV6-XL4</u>                                                                                  |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                            |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_019003, the custom clone sequence may differ by one or more nucleotides |

ATGAAGACCCCAACGCACAGGAAGCCGAAGGGCAACAAACCAGGGCAGCTGCAGGACGGGCCACTGGGT  
CTGCAACATGACAAAGAAAAAGTCTCCAAAAGAAGCAGAGAGGCCGACCTTCATCCCAGCCCCGCAG  
GAACATCGTGGGCTGCAGAATTTCTCATGGATGGAAGGAAGGAGATGAGCCCATCACGCAGTGAAAGGA  
ACCGTTCTGGATCAGGTGCCTATAAATCCCTCTCTTTATCTGGTGAAATATGATGGAATTGACTGTGTCT  
ATGGACTGGAACCTCACAGAGATGAAAGGGTTTGTCTCTTAAATTCCTTCTGACAGGGTGGCATCATC  
TCACATTAGTGATGCCAACCTTGCAAATACCATAATTGGCAAAGCAGTGGAACACATGTTTGAGGGAGAG  
CATGGTTCTAAGGATGAATGGAGGGGGATGGTCTTAGCTCAAGCACCTATCATGAAAGCCTGGTTTTATA  
TTACCTATGAGAAAGATCCTGTCTGTACATGTACCAGCTTCTAGATGATTATAAGGAAGGTGACCTCCG  
CATCATGCCAGAATCCAGTGAGTCTCCTCCAACAGAGAGGGAGCCAGGAGAGTTGTAGATGGCCTAATA  
GGTAAGCATGTGGAATATACCAAGAAGATGGCTCCAAAAGGATCGGCATGGTCATTACCAAGTGGA  
CCAAACCCTCTGTGATTTTCATCAAGTTTGATGATGATTTCCATATCTATGTCTACGATTTGGTGAAAA  
GTCCTAA



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|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_019003 unedited</p> <pre> AGAATTTTGTATACGACTCACTATTAGGGCGGCCGCGATTTCGGCACGAGGCCAGGCAGG GCAAGGCCATTAGTGGGCGCCAGAATGGAGAGGGGGATGGGAAGGATCCAGCAGAGAATG GGGTGGAGTTGGGCGCCAGGCAAGGGTGGGGTGGGGGAGTGCGGTGAGCAACATGAAAAG GGGTAGGAACGGGAGCCAGACAAGGAACCTAAGAGGGAGAGCACTGCGGGCATGCAGCC AGGATTTCCAGCATTGCTTCCAGGCTCCTAGGGGAACTTAGGCACTAGCGCAGACTACA TCCAGACATGGCTATAGGGAAAAGTTTGCCTTGTGGCACACTGGGTGTGTCTCTATCC TCTCTCCTCCCCAGCAGGCATGAAGACCCCAACGCACAGGAAGCCGAAGGGCAACAAA CCAGGGCAGCTGCAGGACGGGCCACTGGGTCTGCAAACATGACAAAGAAAAAAGTCTCCC AAAAGAAGCAGAGAGGCCGACCTTCATCCAGCCCCGAGGAACATCGTGGGCTGCAGAA TTTCTCATGGATGGAAGGAAGGAGATGAGCCCATCACGCAGTGGAAAGGAACCGTTCTGG ATCAGTGCCTGAAACCACAGGTGGTTCGACAAATAATCCACTAAAAGAGGCCTGCTGT CCCAAGATCCACATTCTGGNTAGACCTTCCCCACANAGCTGGTGTCTGCAGACCCCTCA CAGGCACCTGTTGGCCAGTCTTGCTACCCAGCTCACAGAGACCTGTGATGGAATTCTG GTCAGCTCTTTGTTTNCAGTACTTTAGACATTTGAGAGATTCACACGNATGAAATTATG TCTCTGGCATCTNNCTGAATTGAAACAGATGANACACACCAAATGGTGAGATCAGGGCC TTATTTCAAAGATACATGCGCTGGCCTTAGTAGGTCTCAGTCAGTTAGACTCCGATACC TCT </pre> |
| <b>Restriction Sites:</b>           | NotI-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ACCN:</b>                        | NM_019003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Insert Size:</b>                 | 4700 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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_019003.2</a> , <a href="#">NP_061876.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>                 | 1351 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq ORF:</b>                  | 777 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Locus ID:</b>                    | 54466                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID:</b>                  | <a href="#">Q99865</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cytogenetics:</b>                | Xp11.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Domains:</b>                     | Spin-Ssty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**Gene Summary:**

This gene encodes one of three members of the DXF34 gene family, located in a 100-kb region of chromosome Xp11.21. [provided by RefSeq, Nov 2009]