OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC100862

SCFD2 (NM_152540) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCFD2 (NM_152540) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCFD2
Synonyms:	STXBP1L1
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_152540, the custom clone sequence may differ by one or more nucleotides

ATGAGCGCCTCGGGCGTACTGTCCTTTACCCAGCAAGGATGGGAGCAGGTGCTGGCCAAAGTGAAACGGG
CTGTGGTTTACCTGGACGCCGCCTGCGCCGAGAGCCTGCACTGGGGCTGCGGATCCACCCGTCTCCTGGA
GGCGGTGGGGGGTCCTGACTGTCACCTGCGAGAGTTCGAGCCCGACGCAATTGGTGGTGGAGCCAAGCAG
CCCAAGGCAGTGTTTGTGCTGAGCTGCCTGCTGAAAGGCCGGACCGTGGAGATCCTACGGGACATCATCT
GCCGCAGTCACTTCCAGTATTGTGTGGTGGTCACAACCGTGAGCCACGCTGTCCACCTCACAGCTAATCA
TGTCCCAGCGGCGGCAGCGGCCGAGATGGAGGGGCAGCAGCCGGTGTTCGAGCAGCTGGAGGAGAAGCTG
TGTGAATGGATGGGCAACATGAACTACACGGCCGAGGTGTTCCATGTCCCGTTATTGCTTGCCCCTGTTG
CTCCCCACTTTGCCTTGACTCCAGCTTTTGCATCCCTTTTCCCACTGCTACCCCAGGATGTGCACCTCCT
TAATAGCGCCCGACCGGACAAGAGGAAGCTGGGAAGCCTGGGTGATGTGGACTCCACTACGCTAACCCCA
GAGCTGCTGCTGCAGATCAGATGCCTAGTGTCAGGCCTCAGTTCTCTGTGTGAACATTTAGGAGTACGGG
AGGAGTGTTTTGCTGTAGGTTCCTTAAGTCAGGTCATCGCTGCGGATCTGGCCAATTATGCCCCTGCAAA
GAACAGGAAGAAGACTGCTGCAGGCAGGGCATCAGTGGTTTTTGTGGACAGAACCCTGGATCTCACAGGA
GCAGTTGGACATCATGGAGACAACTTAGTAGAGAAGATCATTTCAGCACTTCCCCAGCTCCCAGGCCACA
CAAATGATGTGATGGTTAACATGATAGCGCTCACTGCACTCCATACTGAGGAGGAAAATTATAATGTGGT
TGCACCAGGCTGTCTTTCACAATCCAGTGACACCACAGCCAAAGCCCTATGGGAAGCTTTACTGAACACT
AAGCACAAAGAGGCAGTGATGGAAGTTCGGAGACATCTAGTGGAAGCGGCAAGCAGAGAAAACCTGCCAA
TCAAGATGAGTATGGGGAGAGTCACACCGGGACAGCTCATGTCCTATATTCAGCTCTTCAAGAACAACCT
CAAAGCTCTAATGAATCATTGTGGCCTCCTCCAGCTTGGACTGGCCACAGCTCAAACGTTGAAACACCCA
CAGACTGCCAAGTGGGACAACTTTCTGGCTTTTGAAAGGCTCCTTCTTCAGAGCATTGGGGAGTCAGCAA
TGTCCGTTGTGTTAAATCAGCTGCTGCCCATGATTAAGCCTGTAACCCAGAGAACCAACGAGGACTACAG
CCCTGAGGAACTGCTGATCCTTCTCATATATATTTATTCTGTCACTGGAGAGCTCACGGTAGACAAAGAC
CTGTGTGAAGCAGAAGAAAAAGTCAAGAAAGCATTGGCTCAGGTCTTCTGTGAGGAATCTGGATTGTCAC
CTTTGCTGCAAAAAATTACGGACTGGGACTCTTCAATTAATCTGACATTTCACAAATCCAAAATTGCCGT
GGATGAACTCTTTACTTCACTTCGGGATATTGCTGGAGCTCGGAGTCTCCTGAAACAGTTTAAGTCTGTA
TATGTTCCTGGAAATCATACCCACCAGGCATCTTATAAGCCATTGTTGAAGCAAGTTGTGGAGGAAATAT
TTCATCCCGAGAGGCCAGATTCCGTTGATATTGAACACATGTCTTCAGGCCTCACTGATCTCCTTAAAAC
TGGATTTAGCATGTTCATGAAGGTGAGCCGGCCTCATCCTAGTGACTACCCCCTCCTGATCCTCTTTGTG
GTAGGTGGGGTCACAGTCTCTGAAGTGAAAATGGTCAAAGATCTTGTGGCATCGTTGAAGCCAGGAACCC
AGGTAATCGTGCTGTCCACACGACTCCTGAAGCCACTTAACATTCCTGAGCTGTTATTTGCAACTGACCG
ACTGCATCCAGACCTTGGCTTCTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152540 unedited
ACAATTTTGTAATACGACTCACTATAGGGCGGCCGCGAATTCGGCCTGCACCGTAGTTTC
CCAAGTCTGCGAATCCCCAACCATGAGCGCCTCGGGCGTACTGTCCTTTACCCAGCAAGG
ATGGGAGCAGGTGCTGGCCAAAGTGAAACGGGCTGTGGTTTACCTGGACGCCGCCTGCGC
CGAGAGCCTGCACTGGGGCTGCGGATCCACCCGTCTCCTGGAGGCGGTGGGGGGTCCTGA
CTGTCACCTGCGAGAGTTCGAGCCCGACGCAATTGGTGGTGGAGCCAAGCAGCCCAAGGC
AGTGTTTGTGCTGAGCTGCCTGCTGAAAGGCCGGACCGTGGAGATCCTACGGGACATCAT
CTGCCGCAGTCACTTCCAGTATTGTGTGGTGGTCACAACCGTGAGCCACGCTGTCCACCT
CACAGCTAATCATGTCCCAGCGGCGGCAGCGGCCGAGATGGAGGGGCAGCAGCCGGTGTT
CGAGCAGCTGGAGGAGAAGCTGTGTGAATGGATGGGCAACATGAACTACACGGCCGAGGT
GTTCCATGTCCCGTTATTGCTTGCCCCTGTTGCTCCCCACTTTGCCTTGACTCCAGCTTT
TGCATCCCTTTTCCCACTGCTACCCCAGGATGTGCACCTCCTTAATAGCGCCCGACCGGA
CAAGAGGAAGCTGGGAAGCCTGNGTGATGTGGACTCCACTACGCTAACCCCAGAGCTGCT
GCTGCAGATCAGATGCCTAGTGTCAGGCCTCAGTTCTCTGTGTGAACATTTANGAGTACG
GNAGGGAGTGTNTGCTGTAGGNTCCTTAAGTCAGGTCATCGCTGCGGATCTGGCCATTAT
GCCCCNTGCAAGACANGAAGAAGACTGCTGCAGCAGGCATCAGTGGNTTTTGTGACAGAC
CCTGNATCTACAGNAGCATGGNCATCATGAGACAACTAGTNAGNAGATCATTTAGACTTC
CCAGCTCCAGCCAACAATGATGTGATGGTAACTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152540 unedited
TCTATGAACCGCGCCGCAATCTANGATCGAGTTTTTTTTTTTTTTTTTAAGAATCACAG
CAATCCAAGCAAAGTACCTCACTGAGTAGGTATCAAGACCCTTCAGGCAGAATTCCATCA
TTCTCGCAATTAGTGACAGGGACGCTGGTTGTGGAGGAGTATTTGGAGTGGTGGCAGAAA
ATTGCATCGGCATTTCCAGCTTGAGTAGGTCTTATCTTCTTAGCGGATGCTCAGAAGCCA
AGGTCTGGATGCAGTCGGTCAGTTGCAAATAACAGCTCAGGAATGTTAAGTGGCTTCAGG
AGTCGTGTGGACAGCACGATTACCTGGGTTCCTGGCTTCAACGATGCCACAAGATCTTTG
ACCATTTTCACTTCAGAGACTGTGACCCCACCTACCACAAAGAGGATCAGGAGGGGGTAG
TCACTAGGATGAGGCCGGCTCACCTTCATGAACATGCTAAATCCAGTTTTAAGGAGATCA
GTGAGGCCTGAAGACATGTGTTCAATATCAACGGAATCTGGCCTCTCGGGATGAAATATT
TCCTCCACAACTTGCTTCAACAATGGCTTATAAGATGCCTGGTGGGTATGATTTCCAGGA
ACATATACAGACTTAAACTGTTTCAGGAGACTCCGAGCTCCAGCAATATCCCGAAGTGAA
GTAAAGAGTTCATCCACGGCAATTTTGGATTTGTGAAATGTCAGATTAATTGAAGAGTCC
CAGTGTGGGGGCACCAGGAGAGAAGCAGACCATCTGCAAGGGGCTCCTGTAGAGAGCACA
CAAGCTCTGCACTTCACATGACCATTTTCAATGTCTCCTCCATCCCTTCCCGACAGTAAG
AACATGATGAAATTCAGTGGGACAGAAAGCCACATCTCTCTCAGTGAAAGGTTCATCCCT
TTGCTTCTTTCCCATTTGGGCCCGGCTTGGGGGCGCGGCCACCCTCTCCACTATGTTTTT
C

Restriction Sites: NotI-NotI

ACCN: NM_152540

Insert Size: 3500 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).

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_152540.3, NP_689753.2
RefSeq Size:	3204 bp
RefSeq ORF:	2055 bp
Locus ID:	152579
UniProt ID:	Q8WU76
Cytogenetics:	4q12
Domains:	Sec1
Gene Summary:	May be involved in protein transport.[UniProtKB/Swiss-Prot Function]