

Product datasheet for **MC216546**

Scfd2 (NM_178672) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scfd2 (NM_178672) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scfd2
Synonyms:	E430013M20Rik; STXBP1L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC216546 representing NM_178672
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCGCCGCGGCATACTGGCCTTTGCCAGCAAGGCTGGGAGCAGGTGCTGGCCAAAGTGAAGTGGT
 CCGTGGTCTACCTGGACGCTGCCTGCGCCGAGAGCCTGCACTGGAGCTGCGGATCCAGCCGGCTTCTGGA
 GGCGGTGAAGGGTCTGCGTGTACCTGCGGGAATTTGAACCCAGGCCATTGGCGGGGAGCCAAGCAG
 CCCCAGCGGTTTTCTGTTTTGAGCAGCCCGCTGAAAGGCCGATCGTAGACACTCTACAGAGTATCATT
 GCCGCAGTCACTTTCAGCACTGTGTGGTGGTCACAGCCGTGAGCCACGCAGTCCACCTCACTGCTAACCA
 CGTACCGCCGCTGCAGCGGCCGAGCTCGAGGGGCAGCAGCCGGTGTTCGAACAGCTGGAGGAGAAGCTC
 TGTGAGTGGATGGCAACGAGAATAACGCGCCGAGGTGCTCCACGTCCCCTGTTTCTCGCCCCTGTTG
 CCTCCCATCTCGTTTTACTCCAGCCTTGTACCTCTTCCACTGCTACCTCAGGATGCCACGCTCT
 TAACAGTGCCAGACCCGACAAGAGGAGGCTGAGCAGCTTGGGTGAGGTGGATGCCACTGCCCTAACCCCA
 GAGCTGCTGCTGTACATCAGATGCCTCGTGTGAGGCTCAGTTCTCTGTGTGAACATCTAGGGGTACGAG
 AGGAGTGTTCGCCGTGGGTCCCCTCAGTCGGGTATCGTACAGATCTGGCAAATTATGCCCCGCCAA
 GAACAGGAAAAAGACTGCTACAGGCAGGGCTTCTGTGGTCTTTGTGGATAGAACTCTGGATCTCACAGGA
 GCGGTTGGACACCACGGAGACAACCTTAGTAGAGAAGATCATGTCAGTGTCCACAGCTTCCAGGCCACA
 CCCACGACGTGATGGTCAACATGGCCGAGCTCACTGCTGTCCAGGCTGTGGAGGAAAACCAGAACGTGAT
 TGCACCAGGCTGCCTTCCCCATCCAATGAGGCCCTCAGCCAAGGCCCTGTGGGAAGCCTTACTGAACTCC
 AAGCACAAGAGGCAGTGTGGAAGTTCGGAGACATCTAGTGAAGCAGCCAGCAGAGAGAACCTGCCCA
 TCAAGATGAGTATGGGAAGAGTCACTCCAGGGCAGCTCATGTCCATATTTCAACTTTCAAGAACAACCT
 CAGAGCTCTTAGAAATCACTGTGGCTTCTACAGCTTGGGATGGCCACAGTTCAAACCTGGAAGCACCCA
 CAGACTGCCAAGTGGATAAATTCTGGCATTGAAAGGCTCCTTCTACAGTGTCTTTGTCTCAGAG
 CATGTGGTCACTACTACATTCTGCCATGGGACCATGCTTCCACCGGTGCCACGCCAGCCTCCGTGGGT
 CCATCCTCCACATGGATGTCCTTTCATTCC**TGA**

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_178672
- Insert Size:** 1434 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_178672.7](#), [NP_848787.2](#)

RefSeq Size: 3817 bp

RefSeq ORF: 1434 bp

Locus ID: 212986

UniProt ID: [Q8BTY8](#)

Cytogenetics: 5 C3.3

Gene Summary: May be involved in protein transport.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (b) lacks several exons and includes an alternate 3' terminal exon, compared to variant a. It encodes isoform b which is shorter and has a distinct C-terminus, compared to isoform a.