

Product datasheet for **MC228565**

Scfd2 (NM_001286437) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scfd2 (NM_001286437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scfd2
Synonyms:	E430013M20Rik; STXBP1L1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228565 representing NM_001286437
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCCGCGGCATACTGGCCTTTGCCAGCAAGGCTGGGAGCAGGTGCTGGCCAAAGTGAAGTGGT
 CCGTGGTCTACCTGGACGCTGCCTGCGCCGAGAGCCTGCACTGGAGCTGCGGATCCAGCCGCTTCTGGA
 GGCGGTGAAGGGTCTGCGTGTACCTGCGGGAATTTGAACCCAGGCCATTGGCGGGGAGCCAAGCAG
 CCCCAGCGGTTTTCTGTTTTGAGCAGCCCGCTGAAAGGCCGATCGTAGACACTCTACAGAGTATCATT
 GCCGCAGTCACTTTCAGCACTGTGTGGTGGTGCACAGCCGTGAGCCACGCAGTCCACCTCACTGCTAACCA
 CGTACCGGCCGCTGCAGCGGCCGAGCTCGAGGGGCAGCAGCCGGTGTTCGAACAGCTGGAGGAGAAGCTC
 TGTGAGTGGATGGCAACGAGAATAACGCGCCGAGGTGCTCCACGTCCCCTGTTTCTCGCCCCTGTTG
 CCTCCCATCTCGTTTTACTCCAGCCTTGTACCTCTTCCACTGCTACCTCAGGATGCTCCACGCTCT
 TAACAGTGCCAGACCCGACAAGAGGAGGCTGAGCAGCTTGGGTGAGGTGGATGCCACTGCCCTAACCCCA
 GAGCTGCTGCTGTACATCAGATGCCTCGTGTGAGCCCTCAGTTCTCTGTGTGAACATCTAGGGGTACGAG
 AGGAGTGTTCGCCGTGGGTCCCCTCAGTCGGGTATCGTACAGATCTGGCAAATTATGCCCCCGCAA
 GAACAGGAAAAAGACTGCTACAGGCAGGGCTTCTGTGGTCTTGTGGATAGAACTCTGGATCTCACAGGA
 GCGGTTGGACACCACGGAGACAACCTTAGTAGAGAAGATCATGTCAGTGTCCACAGCTTCCAGGCCACA
 CCCACGACGTGATGGTCAACATGGCCGAGCTCACTGCTGTCCAGGCTGTGGAGGAAAACAGAACGTGAT
 TGCACCAGGCTGCCTTGCCTTCCAATGAGGCCCTCAGCCAAGGCCCTGTGGGAAGCCTTACTGAACTCC
 AAGCACAAGAGGAGCAGTATGGAAGTTCGAGACATCTAGTGAAGCAGCCAGCAGAGAGAACCTGCCCA
 CAGAGCTCTTAGAAATCACTGTGGGCTTCTACAGCTTGGGATGGCCACAGTTCAAACCTCTGAAGCACCCA
 CAGACTGCCAAGTGGATAAATTCTGGCATTGAAAGGCTCCTTCTACAGAGCCTTGGGATTCAACCA
 TGGCTGTTGTGCTAAATCAGCTGCTGCCAATGATTAAGTCTCAAGCCAGAGAACCAGTGACGACCTCAA
 CCCTGAGGAACTGCTGATCCTGCTCATATACATTTACTCTGTCCCTGGAGACGTACGCTGGACAGAGAC
 CTGGGAGACGTGGAAGAAAAGGTGAAGAAAGCATTGGCCCATGCTCTCTGAGGAGTCTGAGCTGTCCC
 CTTTGTGTCAGAAAATCACAGGCTGTGACTCTGCAGTTGACCTGACGTTGCCAAATCCCAAATTGCTGT
 GAATGATGTCTTCATGGCTCTCCGGGAGATCGCTGGAGCTAGGAATCTCATGAGACAGTTTAAAGTCTGTG
 TATGTTCTGGAATAACACCCATCAGGCATCCTATAAGCCGCTGTTGAAGCAGGTTGTGGAGGAAATAT
 TTAATCCTGAGAAGTCAATCCTATTGACATTGAACATATGTCCTCAGGCCCTCACTGATCTCCTGAAAC
 TGGATTACAGATGTTTATGAAGGTGATGGTGTGTCCACAAGACTCCTGAAGCCGCTTAACATCCCGAG
 CTGCTCTTTGCAACTGACCGGCTACACCCAGACCTCGGCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001286437

Insert Size: 1935 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:	<ol style="list-style-type: none">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:	<u>NM_001286437.1</u> , <u>NP_001273366.1</u>
RefSeq Size:	3560 bp
RefSeq ORF:	1935 bp
Locus ID:	212986
UniProt ID:	<u>Q8BTY8</u>
Cytogenetics:	5 C3.3
Gene Summary:	May be involved in protein transport.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (c) lacks an alternate in-frame exon in the 3' coding region, compared to variant a. It encodes isoform c, which is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.