

Product datasheet for **MC218492**

Scfd1 (BC027793) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scfd1 (BC027793) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scfd1
Synonyms:	RA410, STXBP1L2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC027793
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTGAATTTCAATGTGCCTCATGTTAAAAACAGTACTGGAGAACCAGTATGGAAGGTACTCATTATG
ACAGATTTGGCCAAGATATCATCTCCTCTGCTGTGTGAAGGAACTGAGAGACATGGGCATCACTCT
GCATCTCCTTTTGCAGTACAGACCAGATCCGATCCAGATGTTCCCTGCAGTGACTTTGTGATGCCAACC
GAAGAAAAATTGACAGACTGTGCCAGGATCTTCGAAATCAGCTCTATGAATCCTATTATTTAAATTTTA
TTTCTGCGATTTCAAGAAGTAACTGGAAGACATTGCGAATGCAGCATTGGCCGCTAGTGCAGTCACACA
AGTTGCCAAGGTTTTGACCAAGTATCTCAATTTTATTACTTTGGAAGATGACATGTTTGTATTATGTAAT
CAAAATAAGGAACTTGTTTCATATCGTGCCATTAACAGGCCAGACATCACAGACACAGAGATGGAACTG
TTATGGACACTATTGTGGACAGCCTCTTCTGCTTTTTTGTACATTAGGTGCTGTTCCCATCATCCGATG
CTCAAGAGGAACGGCCGAGAAATGGTGGCAGTAACTAGATAAAAACTTCGGGAAAACTAAGAGAT
GCAAGAAACAGCCTTTTACCGGTGATCCACTTGGAACTGGCCAGTTCAGCTTCCAAAGGCTTTATTAG
TCCTTGTTGACAGAAACATTGACCTGGCAACGCCTTTACACCATACGTGGACATACCAAGCGCTGGTACA
CGATGTGCTGGATTTCCACTTAAACAGAGTAAATTTGGAAGAATCTACAGGAGTGGAAAACCTCCAGCT
GGTGCTAGACCAAAGAGGAAAAACAAGAAGTCTTACGACTTAACTCCAGTTGATAAATCTGGCAGAAGC
ATAAAGGAAGTCCATCCCAGAAGTCGACAGATCAGTCCAACAAGAACTAGAATCTTACAGACACAAGA
AGATGAGGTCAAACGACTGAAGAGCATTATGGGACTAGAAGGAGAGGATGAAGGGCCATCAGCATGCTT
TCTGATAACACTGCTAAGCTCACATCAGCTGTCAGTCTTTGCCAGAACTCCTTGAAAAAAAAGACTTA
TTGATCTGCACACAAAATGTTGCCACTGCTGTTTTAGAACACATAAAGGCAAGAAAACCTGGATGATATTT
TGAATATGAAGAAAAAATAATGAGCAAGACTACTCTGGATAAGTCCCTCCTAGACGTCATATCCGACCT
GATGCAGGGACTCCGGAAGACAAAATGAGGCTGTTTTCTTATCTATTACATAAGCGCACAGCAAGCACCGT
CCGAGGTTGATTTGGAGCAGTATAAAAAGGCTTTAACAGATGCAGGCTGCAACCTTAGCCCTTTACAGTA
TATCAAGCAGTGGAAAGGCTTTTGGCAAGATGGCCTCAACTCCTGCCAGCTACGGAAACACTACCACTAAA
CCAATGGGTCTCCTGTCCCGAGTCATGAATACAGGATCACAGTTTGTGATGGAAGGTGTGAAGAACCTGG
TATTGAAGCAGCAGAATCTACCTGTTACTCGGATTTAGACAATCTCATGGAGATGAAGTCAAACCTGA
AACTGATGATTATAGATATTTGATCCCAAAATGCTGCGGAGTAAAGACAGCTCCTTCTCTACAAAAC
GAAGAACCCCTGCTTCCAGGAAGGTGGACCTGGAATACCTTCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC027793

Insert Size: 1728 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: [BC027793](#), [AAH27793](#)

RefSeq Size: 3135 bp

RefSeq ORF: 1727 bp

Locus ID: 76983

Cytogenetics: 12 B3

Gene Summary: Plays a role in SNARE-pin assembly and Golgi-to-ER retrograde transport via its interaction with COG4. Involved in vesicular transport between the endoplasmic reticulum and the Golgi (By similarity).[UniProtKB/Swiss-Prot Function]