

Product datasheet for **SC107560**

SCFD1 (NM_182835) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCFD1 (NM_182835) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCFD1
Synonyms:	C14orf163; RA410; SLY1; SLY1P; STXBP1L2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC107560 sequence for NM_182835 edited (data generated by NextGen Sequencing)

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ATGGGAATCACTCTGCATCTGCTTTTACACTCTGATCGAGATCCTATTCCAGATGTTCTT
GCAGTATACTTTGTAATGCCAACTGAAGAAAATATTGACAGAATGTGCCAGGATCTTCGA
AATCAACTATATGAATCATATTTAAATTTTATTTCTGCTATTTCAAGAAGTAAACTG
GAAGATATTGCAAATGCAGCGTTAGCAGCTAGTGCAGTAACACAAGTAGCCAAGGTTTTT
GACCAATATCTCAATTTTATTACTTTGGGAAGATGATATGTTTGTATTATGTAATCAAAAT
AAGGAGCTTGTTTCATATCGTGCCATTAACAGGCCAGATATCACAGACACGGAAATGGAA
ACTGTTATGGACACTATAGTTGACAGCCTCTTCTGCTTTTTTGTACTCTGGGTGCTGTT
CCTATAATCAGATGTTCAAGAGGAACAGCAGCAGAAAATGGTAGCAGTGAACTAGACAAG
AAACTTCGAGAAAATCTAAGAGATGCAAGAAAACAGTCTTTTTACAGGTGATACACTTGG
GCTGGCCAATTCAGCTCCAGAGGCCCTTATTAGTCTTGTGACAGAAAACATAGATTTG
GCAACTCCTTTACATCATACTTGGACATATCAAGCATTGGTGCACGATGACTGGATTTT
CATTTAAACAGGGTTAATTTGGAAGAATCTTCAGGAGTGGAAAACCTCCAGCTGGTGTCT
AGACAAAAGAGAAAAACAAGAAGTCTTATGATTTAACTCCGGTTGATAAATTTTGGCAA
AAACATAAAGGAAGTCCATTTCCAGAAAGTTGCAGAATCAGTTCCAGCAAGAACTAGAACT
TACAGAGCACAGGAAGATGAGGTCAAACGACTTAAAAGCATTATGGGACTAGAAGGGGAA
GATGAAGGAGCCATAAGTATGCTTTCTGACAATACCGCTAAGCTAACATCAGCTGTTAGT
TCTTTGCCAGAACTCCTTGAGAAAAAAGACTTATTGATCTCCATACAAATGTTGCCACT
GCTGTTTTAGAACATATAAAGGCAAGAAAATGGATGTATTTTTGAATATGAAGAAAA
ATAATGAGCAAACTACTCTGGATAAATCTCTTCTAGATATAATATCAGACCCGTGATGCA
GGAATCCAGAAGATAAAATGAGGTTGTTTCTTATCTATTATATAAGCACACAGCAAGCA
CCTTCTGAGGCTGATTTGGAGCAATATAAAAAAGCTTTAACTGATGCAGGATGCAACCTT
AATCCTTTACAATATATCAAACAGTGGAAGGCTTTTACCAAGATGCCTCAGCTCCGGCC
AGCTATGGCAGCACTACCACTAAACCAATGGGTCTTTTATCACAGTCATGAATACAGGA
TCACAGTTTGTGATGGAAGGAGTGAAGAACCTGGTTTTGAAACAGCAAAATCTACCTGTT
ACTCGATTTTGGACAATCTTATGGAGATGAAGTCAAACCCGAAACTGATGACTATAGA
TATTTTGTATCCAAAATGCTGCGGGCAATGACAGCTCAGTTCCAGAAAATAAAATCCA
TTCCAAGAGGCCATTGTTTTGTGGTGGGAGGAGGCAACTACATTGAATATCAGAATCTT
GTTGACTACATAAAGGGAAACAAGGCAACACATTTTATATGGCTGCAGTGAGCTTTTT
AATGCTACACAGTTCATAAACAGTTGTCACAACCTGGACAAAAGTAA
    
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Clone variation with respect to NM_182835.1

5' Read Nucleotide Sequence: >OriGene 5' read for NM_182835 unedited

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GGGGCCCAGGCCACCACCCCCCCCCCGCTGTTTCACAATTGTATACGACTACTA
TAGGCGGCGCGNAATTCGACCANANAGCGGCGGCGGCGGCGGCGGCGGCGGCGG
CAGCCAGTATTCGGGAAAGGCAGACAGGTAATTTATGACAGATTTGGCCAAGATATA
ATCTCTCCTCTGCTATCTGTGAAGGAGCTAAGAGACATGGGAATCACTCTGCATCTGCTT
TTACACTCTGATCGAGATCCTATTCCAGATGTTCTGAGTATACTTTGTAATGCCAACT
GAAGAAAATATTGACAGAATGTGCCAGGATCTTCGAAATCAACTATATGAATCATATTAT
TTAAATTTTATTTCTGCTATTTCAAGAAGTAACTGGAAGATATTGCAAATGCAGCGTTA
GCAGCTAGTGCAGTAACACAAGTAGCCAAGGTTTTTGACCAATATCTCAATTTTATTACT
TTGGAAGATGATATGTTTGTATTATGTAATCAAAATAAGGAGCTTGTTCATATCGTGCC
ATTAACAGGCCAGATATCACAGACACGGAAATGGAAACTGTTATGGACACTATAGTTGAC
AGCCTCTTCTGCTTTTTTGTACTCTGGGTGCTGTTTCTATAATCAGATGTTCAAGAGGA
ACAGCAGCAGAAAATGGTAGCAGTGAAACTAGACAAGACACTTCGAGAAAATCTAAGAGAT
GCAAGACACAGTCTTNTACAGGTGATACACTGGAGCTGGCCAATTCAGCTCCAGAGA
CCCTTATTAGTCTTGTGACAGAAAANCATAGATTGNAACTCCCTTACATCATACTTGG
ACATATCAAGCATTGGTGCACGATGACTGGATTTTCATTTTAAACAGGGTTATTTGNAAG
AAATCTCAGGAGTGGNAACTCTCCAGCTGGTGTAGACCAAGAAGA
    
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Restriction Sites:	ECoRI-NOT
ACCN:	NM_182835
Insert Size:	2000 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:	<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:	NM_182835.1 , NP_878255.1
RefSeq Size:	2101 bp
RefSeq ORF:	1728 bp
Locus ID:	23256
UniProt ID:	Q8WVM8
Cytogenetics:	14q12
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' region and initiates translation at a downstream, in-frame start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus, compared to isoform a.</p>