

Product datasheet for SC336231

SCFD1 (NM_001283031) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCFD1 (NM_001283031) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCFD1
Synonyms:	C14orf163; RA410; SLY1; SLY1P; STXBP1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336231 representing NM_001283031. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAACTGTTATGGACACTATAGTTGACAGCCTCTTCTGCTTTTTTGTACTCTGGGTGCTGTTCCCT
ATAATCAGATGTTCAAGAGGAACAGCAGCAGAAATGGTAGCAGTGAACTAGACAAGAACTTCGAGAA
AATCTAAGAGATGCAAGAAACAGTCTTTTTACAGGTGATACACTGGAGCTGGCCAATTCAGCTCCAG
AGGCCCTTATTAGTCTTGTGACAGAAACATAGATTTGGCAACTCCTTACATCATACTGGACATAT
CAAGCATTGGTGCACGATGTACTGGATTCCATTTAAACAGGGTTAATTTGGAAGAACTTCAGGAGTG
GAAAACCTCCAGCTGGTGTAGACCAAGAGAAAAACAAGAAGTCTTATGATTTAACTCCGGTTGAT
AAATTTTGGCAAAAACATAAAGGAAGTCCATCCAGAAAGTTGCAGAATCAGTTCAGCAAGAACTAGAA
TCTTACAGAGCACAGGAAGATGAGGTCAAACGACTTAAAAGCATTATGGGACTAGAAGGGGAAGATGAA
GGAGCCATAAGTATGCTTTCTGACAATACCGCTAAGCTAACATCAGCTGTTAGTCTTTGCCAGAACTC
CTTGAGAAAAAAGACTTATTGATCTCCATACAAATGTTGCCACTGCTGTTTTAGAACATATAAAGGCA
AGAAAAATTGGATGTATATTTGAATATGAAGAAAAAATAATGAGCAAACTACTCTGGATAAATCTCTT
CTAGATAAATATCAGACCCTGATGCAGGAACTCCAGAAGATAAAATGAGGTTGTTTCTTATCTATTAT
ATAAGCACACAGCAAGCACCTTCTGAGGCTGATTTGGAGCAATATAAAAAAGCTTAACTGATGCAGGA
TGCAACCTTAATCCTTTACAATATCAAAACAGTGGAAAGGCTTTTACCAAGATGGCCCTCAGCTCCGGCC
AGCTATGGCAGCACTACCACTAAACCAATGGGTCTTTTATCAGCAGTCATGAATACAGGATCACAGTTT
GTGATGGAAGGAGTGAAGAACCTGGTTTTGAAACAGCAAAATCTACCTGTTACTCGTATTTTGGACAAT
CTTATGGAGATGAAGTCAAACCCGAAACTGATGACTATAGATATTTGATCCCAAAATGCTGCGGGGC
AATGACAGCTCAGTTCCAGAAAATAAAATCCATTCCAAGAGGCCATTGTTTTGTGGTGGGAGGAGGC
AACTACATTGAATATCAGAATCTTGTGACTACATAAAGGGGAAACAAGGCAAACACATTTTATATGGC
TGCAGTGAGCTTTTTAATGCTACACAGTTCATAAAACAGTTGTCACAACCTGGACAAAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001283031
Insert Size:	1374 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:	<u>NM_001283031.1</u>
RefSeq Size:	2145 bp
RefSeq ORF:	1374 bp
Locus ID:	23256
Cytogenetics:	14q12
MW:	51.5 kDa
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 (4) lacks an exon in the 5' region and initiates translation at a downstream, in-frame start codon, compared to variant 1. The encoded isoform (d) has a shorter N-terminus, compared to isoform a. Variants 4 and 6 encode the same isoform (d).</p>