

Product datasheet for **SC336874**

SCFD1 (NM_001283032) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCFD1 (NM_001283032) 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)



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Fully Sequenced ORF: >SC336874 representing NM_001283032.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGCCTCATATTAACACAGCACAGGAGAACCAGTATGGAAGGCTTTTACACTCTGATCGAGATCCT
ATTCAGATGTTCTGCAGTATACTTTGTAAATGCCAACTGAAGAAAATATTGACAGAATGTGCCAGGAT
CTTCGAAATCAACTATATGAATCATATTTTAAATTTTATTTCTGCTATTTCAAGAAGTAACTGGAA
GATATTGCAATGCAGCGTTAGCAGCTAGTGCACTAACACAAGTAGCCAAGGTTTTTGACCAATATCTC
AATTTTATTACTTTGGAAGATGATATGTTGTATTATGTAATCAAAATAAGGAGCTTGTTTCATATCGT
GCCATTAACAGGCCAGATATCACAGACACGAAATGAAACTGTTATGGACACTATAGTTGACAGCCTC
TTCTGCTTTTTTGTACTCTGGGTGCTGTTCTATAATCAGATGTTCAAGAGGAACAGCAGCAGAAATG
GTAGCAGTGAACTAGACAAGAACTTCGAGAAAATCTAAGAGATGCAAGAAACAGTCTTTTACAGGT
GATACACTTGGAGCTGGCAATTCAGCTCCAGAGGCCCTTATTAGTCCTTGTTGACAGAAACATAGAT
TTGGCAACTCCTTTACATCATACTTGGACATATCAAGCATTGGTGACGATGACTGGATTTCATTTA
AACAGGGTTAATTTGGAAGAATCTTCAGAGTGGAAGAACTCTCCAGCTGGTGCTAGACCAAGAGAAAA
AACAGAAGTCTTATGATTTAACTCCGTTGATAAATTTGGCAAAAACATAAAGGAAGTCCATTCCCA
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GTTGCCACTGCTGTTTTAGAACATATAAAGGCAAGAAAATTGGATGTATTTTGAATATGAAGAAAA
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GAAGATAAAATGAGGTTGTTTCTTATCTATTATATAAGCACACAGCAAGCACCTTCTGAGGCTGATTTG
GAGCAATATAAAAAAGCTTTAACTGATGCAGGATGCAACCTTAATCCTTTACAATATATCAAACAGTGG
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TTATCACGAGTCATGAATACAGGATCACAGTTTGTGATGGAAGGAGTGAAGAACCTGGTTTTGAAACAG
CAAAATCTACCTGTTACTCGTATTTTGGACAATCTTATGGAGATGAAGTCAAAACCCGAACTGATGAC
TATAGATATTTTATCCCAAAATGCTGCGGGGCAATGACAGCTCAGTCCAGAAATAAAAATCCATTC
CAAGAGGCCATTGTTTTGTGGTGGGAGGAGGCAACTACATTGAATATCAGAATCTTGTTGACTACATA
AAGGGGAAACAAGGCAACACATTTTATATGGCTGCAGTGAGCTTTTAAATGCTACACAGTTCATAAAA
CAGTTGTCACAACCTGGACAAAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001283032

Insert Size: 1752 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:	<u>NM_001283032.1</u>
RefSeq Size:	2144 bp
RefSeq ORF:	1752 bp
Locus ID:	23256
UniProt ID:	<u>Q8WVM8</u>
Cytogenetics:	14q12
MW:	66 kDa
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] Transcript Variant: This variant (5) lacks an exon in the 5' region and initiates translation at an alternate downstream start codon, compared to variant 1. The encoded isoform (e) is shorter and has a distinct N-terminus, compared to isoform a.