

## Product datasheet for **RN204733**

### Scfd1 (NM\_019364) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scfd1 (NM_019364) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scfd1
Synonyms:	RA410; rSly1; Sly1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204733 representing NM\_019364  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGGGAAGCAAGATGGCGGCCAGCATTGCGGAAAGGCAAACAGTGGCTCTGAAGCGGATGTTGAATT  
 TCAATGTGCCTCATGTTAAAAACAGTCCTGGAGAACCCGTATGGAAGGTAATCATCTATGACAGATTTGG  
 CCAAGATATCATCTCTCCTCTGCTGTCTGTGAAGGAGCTGAGAGACATGGGCATCACCCCTGCATCTCCTT  
 TTGCACTCAGACCGAGATCCAATTCGAGATGTTCTGCGGTGACTTTGTGATGCCAACCGAAGAAAATA  
 TTGACAGACTGTGCCAGGATCTTCGAAATCAGCTCTATGAATCCTATTATTTAAATTTTATTTCTGCGAT  
 TTCAAGAAGTAACTGGAAGACATTGCAAATGCAGCATTGGCCGTAATGCAGTCACACAGGTTGCCAAG  
 GTTTTTGACCAGTATCTCAATTTTATTACTTTGGAAGAGGACATGTTTGTATTATGTAATCAAAAATAGG  
 AACTTGTTCATATCGGGCCATTAAATAGCCAGATATCACAGACACAGAGATGGAGACTGTTATGGACAC  
 TATTGTTGACAGCCTCTCTGCTTTTTTGTACATTAGGTGCTGTTCCCATCATCCGATGCTCAAGAGGA  
 ACGGCAGCAGAAATGGTGGCAGTGAAACTAGATAAAAACTGCGGGAGAAATCTAAGAGATGCAAGAAAACA  
 GCCTTTTTACTGGTGTCCACTTGGGACTGGCCAGTTCAGCTTCCAAAGGCCCTTATTAGTCCTTGTGGA  
 CAGAAACATTGACTTGGCAACGCCTCTGCACCATACGTGGACATACCAAGCGCTGGTACACGATGTCCTG  
 GATTTCCACTTAAACAGAGTAAATTTGGAAGAATCTACAGGAGTGGAAAATTTCTCCAAGTGGTGCTAGAC  
 CAAAGAGGAAAAACAAGAAGTCTTACGATTTAACTCCAGTTGATAAAATTTGGCAGAAACATAAAGGAAG  
 TCCATTTCCAGAAGTCGAGAAATCAGTCCAACAAGAAGTAGAATCTTACAGAGCACAAGAAGATGAGGTC  
 AAACGACTGAAGAGCATTATGGGCCTAGAAGGAGAGGACGAAGGAGCCATCAGCATGCTTCTGATAACA  
 CTGCTAAGCTCACATCAGCTGTCAGTTCTTTGCCAGAACTCCTTGAAAAAAAAGACTTATCGATCTCCA  
 TACAAATGTCGCCACTGCTGTTTTAGAACACATAAAGGCAAGAAAAGTGGATGTATATTTTGAATATGAA  
 GAAAAAATAATGAGCAAGACTACTCTGGATAAGTCCCTTCTCGACGTCATATCTGACCCTGACGCAGGGA  
 CTCCGGAAGACAAAATGAGGCTGTTTCTTACTACTACATAAGCGCTCAGCAGGCACCATCTGAGTTGA  
 TTTGGAGCAGTATAAAAAGGCTTTAACAGATGCAGGATGCAACCTTAGCCCTTTACAGTATATCAAACAG  
 TGGAAAGCTTTTGGCAAGATGGCCTCAACTCCTGCCAGCTACGGAAACACTACCACTAAACCAATGGGTC  
 TCTTGCCCGAGTCATGAATACAGGATCCAGTTTGTGATGGAAGGCGTCAAGAACCTGGTATTGAAGCA  
 GCAGAATCTACCTGTTACTCGGATTTAGACAATCTCATGGAGATGAAGTCAAACCCCGAGACTGATGAT  
 TACAGATATTTTATCCAAAATGCTGCGGAGCAATGACAGCTCAGTTCTAGGAACAAAAGTCCATTCC  
 AAGAGGCCATTGTCTTTGTGGTAGGAGGAGGCAACTATATTGAGTATCAGAATCTTGTGACTACATAAA  
 GGGAAAGCAAGGCAAGCATATTTTGTATGGCTGCAGTGAGATTTTAAATGCTACACAGTTCATAAAACAG  
 CTGTCACAGCTTGGACAAAAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_019364
- Insert Size:** 1914 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:** [NM\\_019364.1](#), [NP\\_062237.1](#)

**RefSeq Size:** 2095 bp

**RefSeq ORF:** 1914 bp

**Locus ID:** 54350

**UniProt ID:** [Q62991](#)

**Cytogenetics:** 6q22

**Gene Summary:** putative syntaxin-binding protein that regulates ER to Golgi transport [RGD, Feb 2006]