

Product datasheet for **RG238338**

SCFD1 (NM_001283033) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCFD1 (NM_001283033) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SCFD1
Synonyms:	C14orf163; RA410; SLY1; SLY1P; STXBP1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238338 representing NM_001283033. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAACTGTTATGGACACTATAGTTGACAGCCTCTTCTGCTTTTTTGTACTCTGGGTGCTGTTCCCT
ATAATCAGATGTTCAAGAGGAACAGCAGCAGAAATGGTAGCAGTGAACTAGACAAGAACTTCGAGAA
AATCTAAGAGATGCAAGAAACAGTCTTTTACAGGTGATACACTGGAGCTGGCCAATTCAGCTCCAG
AGGCCCTTATTAGTCCTGTTGACAGAAACATAGATTTGGCAACTCCTTACATCATACTGGACATAT
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GAAAACCTCCAGCTGGTGTAGACCAAAGAGAAAAACAAGAAGTCTTATGATTTAACTCCGGTTGAT
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TCTTACAGAGCACAGGAAGATGAGGTCAAACGACTTAAAAGCATTATGGGACTAGAAGGGGAAGATGAA
GGAGCCATAAGTATGCTTTCTGACAATACCGCTAAGCTAACATCAGCTGTTAGTCTTTGCCAGAACTC
CTTGAGAAAAAAGACTTATTGATCTCCATACAAATGTTGCCACTGCTGTTTTAGAACATATAAAGGCA
AGAAAAATTGGATGTATATTTGAATATGAAGAAAAAATAATGAGCAAACTACTCTGGATAAATCTCTT
CTAGATAAATATCAGACCCTGATGCAGGAACCCAGAAGATAAAATGAGGTTGTTTCTTATCTATTAT
ATAAGCACACAGCAAGCACCTTCTGAGGCTGATTTGGAGCAATATAAAAAAGCTTAACTGATGCAGGA
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AATGACAGCTCAGTTCCAGAAAATAAAATCCATTCCAAGAGGCCATTGTTTTGTGGTGGGAGGAGGC
AACTACATTGAATATCAGAATCTTGTGACTACATAAAGGGGAAACAAGGCAACACATTTTATATGGC
TGCAGTGAGCTTTTTAATGCTACACAGTTCATAAACAGTTGTCACAACCTGGACAAAAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238338
 Blue=ORF Red=Cloning site Green=Tag(s)

METVMDTIVDSLFCFFVTLGAVPIIRCSRGTAAEMVAVKLDKKLRENLRDARNSLFTGDTLGAGQFSFQ
 RPLLVLVDRNIDLATPLHHTWYQALVHDVLDVDFHLNRVNLEESSGVENSPAGARPKRKNKSYDLTPVD
 KFWQKHKGSPFPEVAESVQQELESYRAQEDEVKRLKSIIMGLEGEDEGAI SMLSDNTAKL TSAVSSLP
 LEKKRLIDLHTNVATAVLEHIKARKLDVYFEYEEKIMSKTTLDKSLLDIISDPDAGTPEDKMRLFIIYY
 ISTQQAPSEADLEQYKALTDAGCNLNPLQYIKQWKAFTKMASAPASYGSTTTKPMGLLSRVMTGSQF
 VMEGVKNLVLKQQLPVTRILDNLMEMKSNPETDDYRYFDPKMLRGNDSSVPRNKNPFQEAIVFVGGG
 NYIEYQNLVDYIKGKQGHILYGCSELFNATQFIKLSQLGQK
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001283033

ORF Size: 1371 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

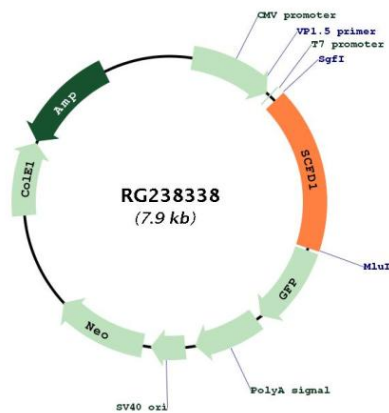
RefSeq: [NM_001283033.1](#), [NP_001269962.1](#)

RefSeq Size: 1931 bp
 RefSeq ORF: 1374 bp

Locus ID: 23256
 Cytogenetics: 14q12
 MW: 52 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]

Product images:



Circular map for RG238338