

Product datasheet for **SC100096**

SFT2D1 (NM_145169) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SFT2D1 (NM_145169) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SFT2D1 |
| Synonyms: | C6orf83; pRGR1 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC100096 sequence for NM_145169 edited (data generated by NextGen Sequencing) |

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ATGGAGAAGCTGCGGCGAGTCCCTGAGCGGCCAGGACGACGAGGAGCAGGGCCTGACTGCG  
CAGGTCCTGGATGCCTCATCCCTTAGTTTCAACACCAGATTGAAATGGTTTGCCATCTGC  
TTCGTATGTGGCGTTTTCTTTCTATTCTTGGAACTGGATTGCTGTGGCTTCCGGGCGGC  
ATAAAGCTTTTTGCAGTGTATACCCTCGGCAATCTTGTGCGTTAGCCAGTACATGC  
TTTTTAATGGGACCTGTGAAGCAACTGAAGAAAATGTTTGAAGCAACAAGATTGCTTGCA  
ACAATTGTTATGCTTTTGTGTTTCATATTTACCCTGTGTGCTGCTCTTTGGTGGCATAAG  
AAGGGACTGGCTGTGTTATTCTGCATATTGCAGTTCTTGTCAATGACCTGGTATAGCCTG  
TCGTACATCCCATATGCAAGGGATGCAGTTATTAATGCTGTTCTTCTCCTAAGTTGA
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Clone variation with respect to NM_145169.1
423 a=>g



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| | |
|-------------------------------------|---|
| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_145169 unedited AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTTTCCTGGTGGGCGTCAG GGGCAGGCAACAGAGTGGCGGCCCTACGGCCCTGGAACGGGGCCATGGAGAAGCTGCGG CGAGTCTGAGCGGCCAGGACGACGAGGAGCAGGGCCTGACTGCGCAGGTCCTGGATGCC TCATCCCTTAGTTTCAACACCAGATTGAAATGGTTTGCCATCTGCTTCGTATGTGGCGTT TTCTTTTCTATTCTTGGAACTGGATTGCTGTGGCTTCCGGGCGGCATAAAGCTTTTTGCA GTGTTTTATACCCTCGGCAATCTTGCTGCGTTAGCCAGTACATGCTTTTTAATGGGACCT GTGAAGCAACTGAAGAAAATGTTTGAAGCAACAAGATTGCTTGCAACAATTGTTATGCTT TTGTGTTTCATATTTACCCTGTGTGCTGCTCTTTGGTGGCATAAGAAGGGACTGGCTGTG TTATTCTGCATATTGCAGTTCCTGTCAATGACCTGGTATAGCCTGTCGTACATCCCATAT GCAAGGGATGCAGTTATTAATGCTGTTCTTCTCTCTAAGTTGAAAATCAGAACTTGT GGAAAAGAGCACTTGAATGTTGGTACTCTATGTTTGGTGAAGTTTGTCTTTNCCCATAAA CACTCCAGGAAACTGACGTGACAGTTGAAGAACCGTTNTGTACTAAGTCTCATTNTGT ATACTGGGTAAAACACTACATGCCCTGATAAACCATTAATGCTNGNACTNTAAATCATTATG NGNCATTATACCTTCCAAAGATAGATTTTATCCTGGCAGTGAATATTTTAGCCATTT TAAATCTTTCAAGCACTTGTATGTAATTTAGGTNNACCTGGCTGAGAAATTAACTTTTG TAAAAATGCG |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_145169 |
| Insert Size: | 1070 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_145169.1 , NP_660152.1 |
| RefSeq Size: | 717 bp |
| RefSeq ORF: | 480 bp |
| Locus ID: | 113402 |
| UniProt ID: | Q8WV19 |
| Cytogenetics: | 6q27 |
| Protein Families: | Transmembrane |

Gene Summary:

May be involved in fusion of retrograde transport vesicles derived from an endocytic compartment with the Golgi complex.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the protein.