

## Product datasheet for **SC123676**

### **SNT2 (FRS3) (BC010611) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SNT2 (FRS3) (BC010611) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNT2
Synonyms:	FGFR substrate 3; fibroblast growth factor receptor substrate 3; FRS2-beta; FRS2B; FRS2beta; MGC17167; OTTHUMP00000016383; OTTHUMP00000039786; SNT-2; SNT2; suc1-associated neurotrophic factor target 2 (FGFR signalling adaptor)
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

>OriGene sequence for BC010611 edited  
 GAACCTTCCCATGCCCTCCCACGGTCAGCTCCCCGATGGCCTGGGTGAGGCAGGCT  
 GGCTGCTCTGACACCATGGGGAGCTGCTGCAGCTGCCTGAACAGAGACAGCGTTCAGAC  
 AACCCCCACCAAGTTCAAGGTGACAAATGTGGATGATGAGGGGTGGAGCTGGGCTCT  
 GGGGTGATGGAGCTGACGCAGAGTGAGCTGGTGTGCACCTGCATCGGCGTGAGGCCGTC  
 CGCTGGCCTTATCTCTGCTTGCGGCGCTATGGCTACGACTCCAACCTTCTCTCTTTGAG  
 AGTGGCCCGCATGTGACAGAGCCAGGGAATTTTGCATTTAAGTGTTCGGGGTGGAG  
 GAAATCTTCAACCTCCTTCAGGATCTGATGCAGTGAACAGCATCAATGTGATGGAAGAG  
 CCTGTATCATCACCCGCAATAGCCACCCCGCTGAGCTTGACCTCCCTCGAGCCCCCAG  
 CCACCAATGCTCTAGGCTACACTGTCTCCAGCTTTTCCAATGGCTGCCCTGGAGAGGGC  
 CCACGATTCTCAGCTCCCCGGGGCTCTCGACAAGCAGCCTGCGGCACCCCTCGTTGGG  
 GAAGAGTCCACCCATGCCCTCATTGCTCCTGATGAGCAGTCCCACACCTATGTCAACACA  
 CCGGCCAGTGAAGATGACCACCGCAGGGGCCGCACTGCCTGCAGCCCTGCCTGAGGGT  
 CAGGCACCCCTTCTCCCGCAGGCCCGGGACCTGACCAACGGGACCCACAGGTGTTCTTG  
 CAGCCAGGCCAGGTGAAGTTTGTGTTGGGCCCGACCCCTGCTCGGCGGCACATGGTGAAG  
 TGCAGGGCCTCTGTCCCAGCCTGCATGACCCCCACACCACAATAATAACAATGAGGCC  
 CCTTCTGAGTGTCCAGCCAGCCCAAGTGCACCTACGAGAACGTACCCGGGGGGTGTGG  
 CGAGGGGCTGGCTGGAGACTGAGCCAGAGGAGCCGGGCTGGAATGGCCTTGCCACCCG  
 CGGGCCGCCCTGCTGCACTATGAGAACCTGCCCCACTGCCCCCTGTGTGGGAAAGCCAA  
 GCCCAGCAGCTGGGAGGGGAGGCTGGGGATGATGGGGACTCGAGGGATGGGCTCACACCC  
 TCTTCCAATGGCTTCCCTGATGGTGAGGAGGACGAGACCCCACTGCAGAAGCCACCAGC  
 ACCCGGCCCGCCATCCGCAGCCACGGCAGCTTCTGTGCCACTGACCCGCCCGCCGCGC  
 TCCCCAAGGGTCTTCAACTTTGATTTCCGCCGGCCGGGGCCGAGCCCCAAGGCAGTT  
 AACTACATCCAGGTGGAGCTAAAGGGCTGGGGTGGAGACCGCCCTAAGGGGCCCAAGAAC  
 CCTCGAGCCCCAAGCCCCATGCCACCACCACCCTGCCGAAGCTCAGACTCTAC  
 GCCGTGATTGACCTCAAAAAGACCGTGGCCATGTCCAACCTGCAGAGAGCTTGCCCCGA  
 GACGATGGCACCGCCAGGAAAACCCGGCACAACAGCACCAGCCTGCCTCTGTAGGGACTT  
 CCCGGTCTCACACCCTTGCACCACCATGATCCAGCCTTGCCTCACACTCTGTCTCT  
 CTGAACCCACCCTCCCAGGGTTCAGGGTTGCTTTGCAGAAGGCATGGAGGTGGGACCAG  
 ATGCTTCCCTGTGCTGGCTGGAGTCCCCAGAGATATCAGCCACCGAGTCTCCTGGTCTGT  
 CTCAGGCTGGGAAGAGAAGGTGACCAGGCGAGGAGGGAGCCGAGACGTCAACTGTGAA  
 GGGTTCCTGTGATTGCGTTTAGCGCCCTCCCGTCTGTCCATTTGTCTTGTCTGCCGACT  
 GTCCTGTGTGTTTTTTTTGGTTGGAATTTTGAACATTTTGTACCTGTTGATTTTATTT  
 ATCAGTTTATTTTTCTATTTATTGTTTTAAATGTAATTTAACATTTTATTATTAATATA  
 ATTATTTTTAAATTCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:**

>OriGene 5' read for BC010611 unedited  
 TAACGTCAAAATTTTGTATACGACTCATATAGGGCGCCGGAATTCCTGGGNAATCGTCC  
 ACCCACGCGTCCGGAACCCTTCCCCTGCCCTCCACGGTCAGCTCCCCGATGGCCTGGG  
 TGAGGGCAGGCTGGCTGCTCTGACACCATGGGGAGCTGCTGCAGCTGCCTGAACAGAGAC  
 AGCGTTCCAGACAACCACCCACCAAGTTCAAGGTGACAAATGTGGATGATGAGGGGGT  
 GAGCTGGGCTCTGGGGTATGGAGCTGACGCAGAGTGAGCTGGTGTGCACCTGCATCGG  
 CGTGAGAGCGTCCGCTGGCCTTATCTCTGCTTGCGGCGCTATGGCTACGACTCCAACCTC  
 TTCTCCTTTGAGAGTGGCCGCGATGTGACAGAGCCAGGGAATTTTGCATTTAAGTGT  
 TCCCGGGCTGAGGAAATCTTCAACCTCCTTCAGGATCTGATGCAGTGAACAGCATCAAT  
 GTGATGGAAGAGCCTGTATCATCACCCGCAATAGCCACCCCGCTGAGCTTGACCTCCCT  
 CGAGCCCCCAGCCACCAATGCTCTAGGCTACACTGTCTCCAGCTTTTCCAATGGCTGC  
 CCTGNAGAGGGGCCACGATTCTCAGCTCCCCGGGCTCTCGACGAGCAGCCTGCCGCAC  
 CCTCGCTTGGGGAAGAGTCCACCCATGCCCTCATTGCTCCTGATGAGCAGTCCCACACC  
 TATGTCAACACACCGCCAGTGAAGATGACCACCGCAGGGGCCGCACTGCCTGGCACCC  
 CTGCTGGAGGTGAGCACCCCTTCTCCCGCAGGCCCGGGGACGTGACCAACCGGGAC  
 CCAAAGGGTGTCTTGCAGCCAGCCAGGTGAAGTTTTGGGGTGGGACCCACAC

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC010611
<b>Insert Size:</b>	2031 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC010611.1</a> , <a href="#">AAH10611.1</a>
<b>RefSeq Size:</b>	2031 bp
<b>Locus ID:</b>	10817
<b>Cytogenetics:</b>	6p21.1
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	This gene encodes a substrate for the fibroblast growth factor receptor. The encoded protein is found in the peripheral plasma membrane and links fibroblast growth factor receptor stimulation to activators of Ras. The encoded protein down-regulates extracellular regulated kinase 2 through direct binding. [provided by RefSeq, Jul 2013]