

## Product datasheet for SC122860

### SURF2 (NM\_017503) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SURF2 (NM_017503) Human Untagged Clone
Tag:	Tag Free
Symbol:	SURF2
Synonyms:	SURF-2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for NM_017503 edited</p> <pre> CCGCGGGCGCGTCGGCCATGAGCGAGTTGCCGGGCGACGTGCGGGCGTTTCTGCGGGAGC ACCCGAGCCTGCGGCTCCAGACGGACGCCCGCAAGGTGAGGTGCATCCTGACAGTCCAG AGCTGCCCTGCCGCTGCCGGAGCTCCAGGTCTACACCCGCGGCAAAAAGTACCAGCGGC TGGTCCGCGCCTCCCGGCCCTTCGACTATGCAGAGTTCGAGCCGCACATCGTGCCAGCA CCAAGAACCCGCACCAAGTTGTTCTGCAAACCTCACCTGCGGCACATCAACAAGTGCCAG AACACGTGCTGAGGCACACCCAGGGCCGGCGGTACCAGCGAGCTCTGTGTAATATGAAG AATGTGAGAAGCAAGGGGTGGAGTACGTGCCTGCCTGCCTGGTGCACCGGAGGAGGAGGA GGGAGGACCAGATGGACGGTACCGGGCCTCGCCCGGGGAAGCCTTCTGGGAGCCCACAT CCAGTGATGAGGGGGAGCTGCAAGTGATGACAGCATGACAGACCTGTACCCACCTGAGC TATTCACCAGAAAGGACCTTGGAAGCACGGAGGATGGGGATGGCACTGATGACTTTTTGA CAGACAAAGAGGATGAGAAGGCAAAGCCCAAGAGAGAAGGCCACTGATGAGGGCAGGA GAGAGACGACCGTGTACCGAGGGCTGGTCCAGAAGCGCGGGAAGAAGCAGTTGGGCTCGT TGAAAAAGAAGTTCAAGAGTCATCACCGCAAACCAAGAGCTTCAGCTCCTGTAACAGC CAGGTTAATAAAAGCACATGCCGTGAAAAAAAAAAAAAAAAAAAAA </pre>



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_017503 unedited CACATTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCCGCGGGCGCGT CGGCCATGAGCGAGTTGCCGGGCGACGTGCGGGCGTTTCTGCGGGAGCACCCGAGCCTGC GGCTCCAGACGGACGCCCGCAAGGTGAGGTGCATCCTGACAGGTACGAGCTGCCCTGCC GCCTGCCGGAGCTCCAGGTCTACACCCGCGCAAAAAGTACCAGCGGCTGGTCCGCGCT CCCCGGCCTTCGACTATGCAGAGTTCGAGCCGCACATCGTGCCAGCACCAAGAACCCGC ACCAGTTGTTCTGCAAACCTCACCTGCGGCACATCAACAAGTGCCAGAACACAGTGTGA GGCACACCCAGGGCCGGGTACCAGCGAGCTCTGTGTAATATGAAGAATGTCAGAAGC AAGGGGTGGAGTACGTGCCTGCCTGCCTGGTGCACCGGAGGAGGAGGAGGAGGACCAGA TGGACGGTGACGGGCTCGCCCGCGGAAGCCTTCTGGGAGCCACATCCAGTGTGAGG GGGGAGCTGCAAGTGTGACAGCATGACAGACCTGTACCCACCTGAGCTATTCACCAGAA AGGACCTTGAAGCACGGAGGATGGGGATGGCACTGATGACTTTTTGACAGACAAAGAGG ATGAGAAAGCAAAGCCCCCAGAAGAGAGGCCCTGATGAGGGCAGGAGAAAGACGACCG TGTACCCGAGGCTGGTCCAAAACCGGGGAAGAACAATTGGGCTCGTTGAAAAAAAAATCA AGAATCATTACCGCAAACCAAGAGCTTACGCTTCTGAAAACGGCACGGTTAATAAGGCC CATGCGGTGGAAAAAAAAAAAAAAAAACTCCCCTTAGATTGCGCCCCCGGTCAAGTCTGT TCCTGAACAGTCCCCGGTGGCGACCCTGTGGACCCCCCCCATGCCCTTC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_017503
<b>Insert Size:</b>	823 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>	<u><a href="#">NM_017503.2</a></u> , <u><a href="#">NP_059973.2</a></u>
<b>RefSeq Size:</b>	847 bp
<b>RefSeq ORF:</b>	771 bp
<b>Locus ID:</b>	6835
<b>UniProt ID:</b>	<u><a href="#">Q15527</a></u>
<b>Cytogenetics:</b>	9q34.2

**Gene Summary:**

This gene shares a bidirectional promoter with surfeit 1 (SURF1; GeneID: 6834), which is located on the opposite strand. It encodes a conserved protein that is expressed in a variety of tissues. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).