

## Product datasheet for **SC123541**

### SFTPA1 (BC026229) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SFTPA1 (BC026229) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFTPA1
Synonyms:	COLEC4; PSAP; PSP-A; PSPA; SFTP1; SFTPA1B; SP-A; SP-A1; SPA; SPA1
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 BC026229 edited  
 GAGGCAGAGACCCAAGCAGCTGGAGGCTCTGTGTGTGGCCTGGAGACCCACAACCTCCA  
 GCCGGAGGCCTGAAGCATGAGGCCATGCCAGGTGCCAGGAGCAGCGACTGGACCCAGAGC  
 CATGTGGCTGTGCCCTCTGGCCCTCAACCTCATCTTGATGGCAGCCTCTGGTGTGTGTG  
 CGAAGTGAAGGACGTTTGTGTTGAAGCCCTGACTCTTCCCATAATCACTGACCAGCCT  
 TGACACTCCCCTTGCAAACCTCTCCAGCACTGCACCCAGGCAGCCACTTTAGCCTTGG  
 CTTTCGACATAATGACAGTAGGAGAGAAGGTCTTCTCCAGCAATGGGCAGTCCATCACTT  
 TTGATGCCATTCAGGAGGCATGTGCCAGAGCAGGCGGCCGATTGCTGTCCCAAGGAATC  
 CAGAGGAAAATGAGGCCATTGCAAGCTTCGTGAAGAAGTACAACACATATGCCTATGTAG  
 GCCTGACTGAGGGTCCCAGCCCTGGAGACTTCCGCTACTCAGACGGGACCCCTGTAAACT  
 ACACCAACTGGTACCGAGGGGAGCCCGCAGGTCCGGGAAAAGAGCAGTGTGTGGAGATGT  
 ACACAGATGGGCAGTGAATGACAGGAAGTGCCTGTACTCCGACTGACCATCTGTGAGT  
 TCTGAGAGGCATTTAGGCCATGGGACAGGGAGGACGCTCTCTGGCCTTCGGCCTCCATCC  
 TGAGGCTCCACTTGGTCTGTGAGATGCTAGAACTCCCTTCAACAGAATCACTTGTGGC  
 TATTGGGACTGGAGGCACCTTAGCCACTTCATTCTCTGATGGGCCCTGACTGTGCAGA  
 GCTAAGGACACAGTGGAGATTCTCTGGCACTCTGAGGTCTCTGTGGCAGGCCTGGTCAGG  
 CTCTCCATGAGGTTAGAAGGCCAGGTAGTGTCCAGCAGGGTGGTGGCCAAAGCCAACCCC  
 ATGATTGATGTGTACGATTCACTCCTTTGAGTCTTTGAATGGCAACTCAGCCCCCTGACC  
 TGAAGACAGCCAGCCTAGGCCTTAGGGTGACCTAGAGCCGCCTTCAGATGTGACCCGAA  
 TAACTTCAACTGATGAACAAATCTGCACCCTACTTCAGATTTCAAGTGGGCATTCACACC  
 ACCCCCCACACCCTGGCTCTGCTTTCTCTTTTCAATCCATTACCCAGATATTTCA  
 TAAAAATTATCACGTGCCAGTCTTAGGATATGTCGTGGGGTGGCAAGGTAATCAGTGA  
 CAGTTGAAGATTTTTTTTTTCCCAGAGCTTATGTCTTCATCTGTGAAATGGGAATAAGATA  
 CTTGTTGCTGTACAGTATTACCATCCCCCAGCTACCAAATTAATAACCAAGAACTGTT  
 ACTATACACAGAGGCTATTGACTGAGCACCTATCATTGCAAGAACCTTGACAAGCACT  
 TCTAATACAGCATATTATGACTATTCAATCTTTACACAATGTCACGGGACCAAGTATTGT  
 TTCCTCATTTTTTATAAGGACACTGAAGCTTGGAGGAGTAAATGTTTTGAGTATTATTC  
 CAGAGAGCAAGTGGCAGAGGCTGGATCCAAACCCATCTTCTGGACCTGAAGCTTATGCT  
 TCCAGCCACCCCACTCTGAGCTGAATAAAGATGATTTAAGCTAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC026229 unedited  
 GGTTAGGATTTGTATACGACTTCTATAGGCGGCCGCGCAATTCCGCCATTACGGAGGGGG  
 TATGCANANACCCAAGCAGCTGGAGGCTCTGTGTGTGGCCTGGAGACCCACAACCTCCA  
 GCCGGAGGCCTGAAGCATGAGGCCATGCCAGGTGCCAGGAGCAGCGACTGGACCCAGAGC  
 CATGTGGCTGTGCCCTCTGGCCCTCAACCTCATCTTGATGGCAGCCTCTGGTGTGTGTG  
 CGAGGTGAAGGACGTTTGTGTTAGAAGCCCTGACTCTTCCCATAATCACTGACCAGCCT  
 TGACACTCCCCTTGCAAACCTCTCCAGCACTGCACCCAGGCAGCCACTTTAGCCTTGG  
 CCTTCGACATAATGACAGTAGGAGAGAAGGTCTTCTCCAGCAATGGGCAGTCCATCACTT  
 TTGATGCCATTCAGGAGGCATGTGCCAAAGCAAGCGGCCGATTGCTGTCCCAAGGAATC  
 CAGAGGAAAATGAGGCCATTGCAAGCTTCGTGAAGAAGTACAACACATATGCCTATGTAG  
 GCCTGACTGAGGGTCCCAGCCCTGGAGACTTCCGCTACTCAGACGGGACCCCTGTAAACT  
 ACACCAACTGGTACCGAGGGGAGCCCGCAGGTCCGGGAAAAACCATTGTGGTGGAAAGTA  
 CACAGATGGGCAGTGAATGACAAGGAAGTGCCTGTATCCGACTGACCATCTGTGAAT  
 TCTGAGAGGGCATTAGGCCTTGGGACAAGGGGGAGCCTTCTTGGGCTTCGGGCTCCACC  
 TGAGGGCGCACTGGGGCAGGAAGGCTAAAACCTCTTTCACAAAATCACTTGGGGCGT  
 TTGGAACCTGGGGGCCCTTGCATTAATTTCTCGAGGGGCCCTGAAGTTGCCAAGC  
 TAAGGAAACAGGGGAATATCTCGGGC

**Restriction Sites:** Please inquire  
**ACCN:** BC026229

<b>Insert Size:</b>	1693 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="#">BC026229.1</a></u>
<b>RefSeq Size:</b>	1693 bp
<b>Locus ID:</b>	6435
<b>Cytogenetics:</b>	10q22.3
<b>Protein Families:</b>	Secreted Protein