

## Product datasheet for **RN208855**

### Sftpb (NM\_138842) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sftpb (NM_138842) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sftpb
Synonyms:	Sp-b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208855 representing NM_138842 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCAAGTTACATCTGCAGTGGCTACTGCTCCTTCTACACTCTGCAGCCTAGGCGCAGCTACAGAGT  
CGGCCTCGTCCCGGATTGTGCACAAGGCCCTAAATTCTGGTGCCAAAGCCTGGAGCAAGCGATACAGTG  
CAGAGCCCTGGGGCACTGCCTACAGGAAGTCTGGGGACATGCAGGAGCTAATGACCTGTGCCAAGAGTGT  
GAGGATATTGTCCACCTCCTCACAAAGTAGCCAAGGAAGACGCTTCCAGGACACGATCCGGAAGTCC  
TGGAAACAAGAAATGTGATATCCTACCCTTGAAGCTGCTTGTGCCCGGTGTGCGCAAGTGCTTGATGTCTA  
CCTGCCCTGGTTATCGACTACTTCCAGGGCCAGATTAACCCAAAGCCATCTGCAGTCAATGTGGCCCTG  
TGCCCACTTGGGCAGACTAAGCCAGAGCAGAAGCCGAGATGCTGGATGCCATCCAAACCTCTGCTGA  
ACAAGCTGGTCCCTCCCTGCGCTGCCAGGAGCCTTCTTGGCAAGGCCTGGGCCTCACACACAGGACCTCTC  
TGAGCAACAGTCCCATCCCTGCCCCCTTCTGCTGGCTTTCAGGACTCTGATCAAGCGGGTCCAAGCT  
GTGATCCCAAGGGTGTGCTGGCCGTGGCTGTGCCAGGTGTGCCACGTGGTACCCCTGGTGGTGGGTG  
GCATCTGCCAGTGCCTGGCTGAGCCTTACACAGTACTTCTACTAGATGCAGTCTGCTGGGCTGTGGTGCC  
CCAGCTAGTCTGTGGCCTGGTCCCGATGTTCCACTGCAGATGCCATTGGCCACGCCCTCCCTGCTCTG  
GAGCCTCTGATTGAAAAATGGCCACTGCAAGACTGAGTGCCATTTCTGCAAGTCTGTGATCAACCAGG  
CCTGGAACACCAAGTGAACAGGCTATGCCACAGGCAATGCACCAGGCCTGCCTTCGCTTCTGGCTAGACAG  
GCAAAAAGTGTGAGCAGTTTGTGGAACAGCACATGCCCCAGCTGCTGGCCCTGGTGCCTAGGAGCCAGGAT  
GCCACACCTCCTGCCAGGCCCTTGAGTATGTGAGGCCCGGCCAGCCCTCTGCAATGCTTCCAAACCC  
CACACCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_138842
<b>Insert Size:</b>	1131 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_138842.1</a></u> , <u><a href="#">NP_620197.1</a></u>
<b>RefSeq Size:</b>	1494 bp
<b>RefSeq ORF:</b>	1131 bp
<b>Locus ID:</b>	192155
<b>UniProt ID:</b>	<u><a href="#">P22355</a></u>
<b>Cytogenetics:</b>	4q31
<b>Gene Summary:</b>	acts to lower surface tension in lung alveoli [RGD, Feb 2006]