

## Product datasheet for RN204794

### Sftpd (NM\_012878) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Sftpd (NM\_012878) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Sftpd  
 Synonyms: SP-D; SPD  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN204794 representing NM\_012878  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTTCACTTTCTCTCCATGCTTGTCTGCTTGTACAGCCCCTGGGCGATCTGGGAGCAGAAATGAAGA  
 CCCTTTTCGAGAGATCAATAACCAACACGTGCACCCTAGTCTTGTGTAGTCCAACAGAGAATGGCCTGCC  
 TGGTCGTGACGGACGGGATGGCAGAGAGGGTCCACGGGGCGAGAAGGGTATCCAGGTTTCCAGGACCT  
 ATGGGACTCTCAGGGTTGCCTGGCCCTAGAGGTCAGTTGGGCCAAAGGAGAGAATGGCTCTGGAG  
 AACCTGGACCAAAGGGGAGAACGTGGACTAGTTGGACCTCCAGGATCTCCAGGTATTTCTGGTCCGGCTGG  
 AAAAGAAGGCCCTCTGGGAAGCAGGAAACATAGGACCCAAAGGCAAACAGGTCTAAAGGAGAGGGCT  
 GGGCCGAAAGGAGAAGTAGGTGCTCCCGCATGCAAGGATCTGCAGGGGCAAAGGCCCTGCTGGCCCCA  
 AAGGAGAAAGAGGTGCCCTGGTGGAGCAAGGAGCCCTGGGAATGCTGGGGCAGCAGGACCTGCCGACC  
 TGCGGGTCCACAGGGAGCTCCAGTTCCAGGGGCTCCAGGACTCAAGGGGACAGAGGTGCTCCTGGA  
 GACAGAGGAATCAAAGGCGAAAGTGGACTCCAGACAGTGTCTGCTGAGGCAGCAGATGGAGGCTTTGA  
 ATGGAATACTCAGCGTCTAGAGGCTGCCTTTCTCGCTATAAGAAAGCCGCGCTTTCCCTGATGGCCA  
 AAGTGTGGAGACAAAATCTTACGGGCGCAAACCTCGGAAGAGCCTTTTGAGGATGCCAAGGAGATGTGC  
 AGGCAGGCCGGAGGGCAGCTGGCCTCCACAGTTCTGCTACTGAGAATGCTGAGTACAGCAGCTCGTCA  
 CAGCCACAGCAAAGCTGCTTTCTGAGTATGACAGATGTGGGCAGGAGGGCAAGTTCACTTACCCAC  
 AGGAGAGGCCCTGGTCTATTCTAACTGGGCTCCAGGGAGCCCAACAACATGGAGGGCAGAGAAGTGT  
 GTGGAGATCTTACCAATGGGCAGTGAATGACAAGGCTTGTGGAGAGCAGCGCTGGTTATCTGTGAGT  
 TCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_012878
<b>Insert Size:</b>	1125 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_012878.2</a></u> , <u><a href="#">NP_037010.1</a></u>
<b>RefSeq Size:</b>	1258 bp
<b>RefSeq ORF:</b>	1125 bp
<b>Locus ID:</b>	25350
<b>UniProt ID:</b>	<u><a href="#">P35248</a></u>
<b>Cytogenetics:</b>	16p14
<b>Gene Summary:</b>	binds carbohydrates; may play a role in defense response in the lung [RGD, Feb 2006]