

Product datasheet for **SC126478**

Surfactant protein D (SFTPD) (NM_003019) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Surfactant protein D (SFTPD) (NM_003019) Human Untagged Clone
Tag:	Tag Free
Symbol:	Surfactant protein D
Synonyms:	COLEC7; PSP-D; SFTP4; SP-D
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003019 edited
GAGTTTGGCTTGGAGCTCCTGGGGCCTAACAAAAAGAAACCTGCCATGCTGCTCTTCTCC
TCTCTGCACTGGTCTGCTCACACAGCCCCTGGGCTACCTGGAAGCAGGAATGAAGACCT
ACTCCACAGAACAAATGCCAGTGCTTGCACCCTGGTTCATGTGTAGCTCAGTGGAGAGTG
GCCTGCCTGGTCCGATGGACGGGATGGGAGAGAGGGCCCTCGGGCGGAGAAGGGGGACC
CAGGTTTGCCAGGAGCTGCAGGGCAAGCAGGGATGCCTGGACAAGCTGGCCAGTTGGGC
CCAAAGGGGACAATGGCTCTGTTGGAGAACCTGGACCAAAGGGAGACTGGCCAAAGTG
GACCTCCAGGACCTCCCGGTGTGCTGGTCCAGCTGGAAGAGAAGGTCCCTGGGGAAGC
AGGGGAACATAGGACCTCAGGGCAAGCCAGGCCAAAAGGAGAAGCTGGGCCAAAGGAG
AAGTAGGTGCCCCAGGCATGCAGGGCTCGGCAGGGCAAGAGGCCTCGCAGGCCCTAAGG
GAGAGCGAGGTGTCCCTGGTGAGCGTGGAGTCCCTGGAACACAGGGGCAGCAGGTCTG
CTGGAGCCATGGTCCCCAGGGAAGTCCAGGTGCCAGGGGACCCCGGGATTGAAGGGGG
ACAAAGGCATTCTGGAGACAAAGGAGCAAAGGGAGAAAGTGGGCTTCCAGATGTTGCTT
CTCTGAGGCAGCAGGTTGAGGCCTTACAGGGACAAGTACAGCACCTCCAGGCTGCTTTCT
CTCAGTATAAGAAAGTTGAGCTCTTCCCAAATGGCCAAAGTGTCCGGGAGAAAGATTTTCA
AGACAGCAGGCTTTGTAAAACATTTACGGAGGCACAGCTGCTGTGCACACAGGCTGGTG
GACAGTTGGCCTCTCCAGCTCTGCCGCTGAGAATGCCGCTTGAACAGCTGGTCGTAG
CTAAGAACGAGGCTGCTTCTCCTGAGCATGACTGATTCCAAGACAGAGGGCAAGTTACCT
ACCCACAGGAGTCCCTGGTCTATTCCAAGTGGCCCGGAGGGGAGCCCAACGATGATG
GCGGGTCAGAGGACTGTGTGGAGATCTTACCAATGGCAAGTGAATGACAGGGCTTGTG
GAGAAAAGCGTCTTGTGGTCTGCGAGTTCTGAGCCAAGTGGGGTGGGTGGGGCAGTGCTT
GGCCAGGAGTTTGGCCAGAAGTCAAGGCTTAGACCCTCATGCTGCCAATATCCTAATAA
AAAGGTGACCATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003019 unedited NGTTCAGCGATATTTGTNAATACGCACTCCACTATAGGGGCGGGCCGCGCAATTCGCCA TTACGGCCGGGGAGTTTGTCTGGAGCTCCTGGGGCTAACAAAAAGAACTGCCATGC TGCTCTTCTCTCTCTGCACTGGTCTGCTCACACAGCCCTGGGCTACCTGGAAGCAG GAATGAAGACCTACTCCACAGAACAATGCCAGTGCTTGACCCTGGTCATGTGTAGCT CAATGGAGAGTGGCTGCCTGGTCGCGATGGACGGGATGGGAGAGAGGGCCCTCGGGGCG AGAAGGGGACCCAGGTTTGCAGGAGCTGCAGGGCAAGCAGGGATGCCCTGGACAAGCTG GCCAGTTGGGCCCAAAGGGGACAATGGCTCTGTTGGAGAACCTGGACCAAAGGGAGACA CTGGGCCAAGTGACCTCCAGGACCTCCCGGTGTGCCTGGTCCAGCTGGAAGAGAAGGTC CCCTGGGGAAGCAGGGGAACATAGGACCTCAGGGCAAGCCAGGCCAAAAGGAGAAGCTG GGCCCAAAGGAGAAGTAGGTGCCCAGGCATGCANGGCTCGGCAGGGCAAGAGGCCTCN CANGCCCTAAGGGAGAGCGAGGTGTCCCTGGTGAGCGTGGAGTCCCTGGGAACACAGGGG CANCAGGGTCTGCTGGAGCCATGGGTCCNCAGGGAAGTCCANGTCCAGGGGACCCCC GGATTGAAGGGGGACAAGGCATTCTGGGGACAAGAGCANAGGGAGAAATGGGGCTCC AGATGTTGCTTCTCTGAGGCAGNCAGGTGAGGCCTTACAGGGACAAGTCAGCACCTCCAG GCTGCTTCTCTCAGTATAGGAAAGGTGAGCTCTCCANATGGCCAAGTGTCTGGGAGAG ATTTCCAGACGCGAGGCTTTGTAACCTTTACGGAGCCCACCTGCTTGCCACCAGGT
Restriction Sites:	Please inquire
ACCN:	NM_003019
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_003019.4 , NP_003010.4
RefSeq Size:	1299 bp
RefSeq ORF:	1128 bp
Locus ID:	6441
UniProt ID:	P35247
Cytogenetics:	10q22.3
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	The protein encoded by this gene is part of the innate immune response, protecting the lungs against inhaled microorganisms and chemicals. The encoded protein may also be involved in surfactant metabolism. [provided by RefSeq, Jul 2015]