

Product datasheet for RC228130

SFTPA1 (NM 001164646) Human Tagged ORF Clone

Product data:

Tag:

Symbol:

Synonyms:

Selection: Vector:

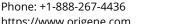
Sequence:

Product Type: Expression Plasmids Product Name: SFTPA1 (NM_001164646) Human Tagged ORF Clone Myc-DDK SFTPA1 COLEC4; PSAP; PSP-A; PSPA; SFTP1; SFTPA1B; SP-A; SP-A1; SP-A1 beta; SP-A1 delta; SP-A1 epsilon; SP-A1 gamma; SPA; SPA1 Mammalian Cell Neomycin pCMV6-Entry (PS100001) E. coli Selection: Kanamycin (25 ug/mL) **ORF** Nucleotide >RC228130 representing NM_001164646 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC

ATGTGGCTGTGCCCTCTGGCCCTCAACCTCATCTTGATGGCAGCCTCTGGTGCTGTGCGAAGTGAAGG TCCAGGGCTTCCAGCTCATCTAGATGAGGAGCTCCAAGCCACACTCCACGACTTTAGACATCAAATCCTG CAGACAAGGGGAGCCCTCAGTCTGCAGGGCTCCATAATGACAGTAGGAGAGAAGGTCTTCTCCAGCAATG GGCAGTCCATCACTTTTGATGCCATTCAGGAGGCATGTGCCAGAGCAGGCGGCCGCATTGCTGTCCCAAG GAATCCAGAGGAAAATGAGGCCATTGCAAGCTTCGTGAAGAAGTACAACACATATGCCTATGTAGGCCTG ACTGAGGGTCCCAGCCCTGGAGACTTCCGCTACTCAGACGGGACCCCTGTAAACTACACCAACTGGTACC GAGGGGAGCCCGCAGGTCGGGGAAAAGAGCAGTGTGTGGGAGATGTACACAGATGGGCAGTGGAATGACAG GAACTGCCTGTACTCCCGACTGACCATCTGTGAGTTC

ACGCGT ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA



https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

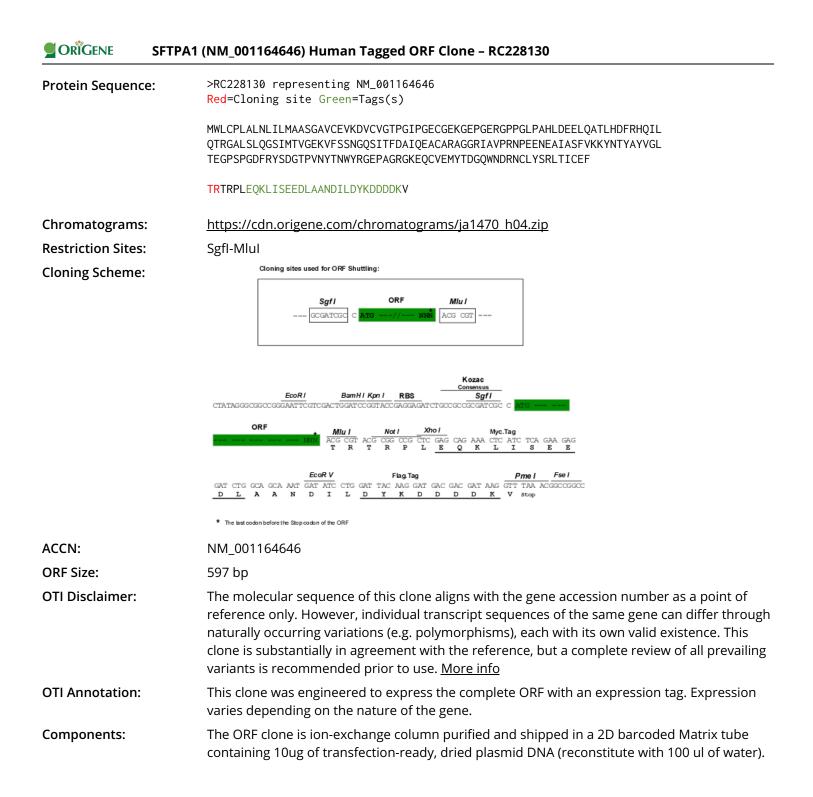
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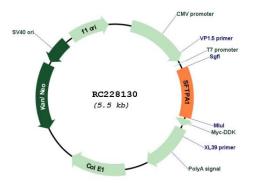


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GRIGENE SFTPA1 (NM_001164646) Human Tagged ORF Clone - RC228130

Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 001164646.2</u>
RefSeq ORF:	600 bp
Locus ID:	653509
Cytogenetics:	10q22.3
MW:	21.5 kDa
Gene Summary:	This gene encodes a lung surfactant protein that is a member of a subfamily of C-type lectins called collectins. The encoded protein binds specific carbohydrate moieties found on lipids and on the surface of microorganisms. This protein plays an essential role in surfactant homeostasis and in the defense against respiratory pathogens. Mutations in this gene are associated with idiopathic pulmonary fibrosis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

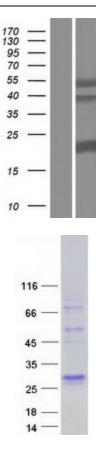
Product images:



Circular map for RC228130

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Western blot validation of overexpression lysate (Cat# [LY431158]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC228130 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

Coomassie blue staining of purified SFTPA1 protein (Cat# [TP328130]). The protein was produced from HEK293T cells transfected with SFTPA1 cDNA clone (Cat# RC228130) using MegaTran 2.0 (Cat# [TT210002]).

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