

Specifications:

Gene:	hSFTPD
Accession:	NP_003010
Insert size:	1141bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

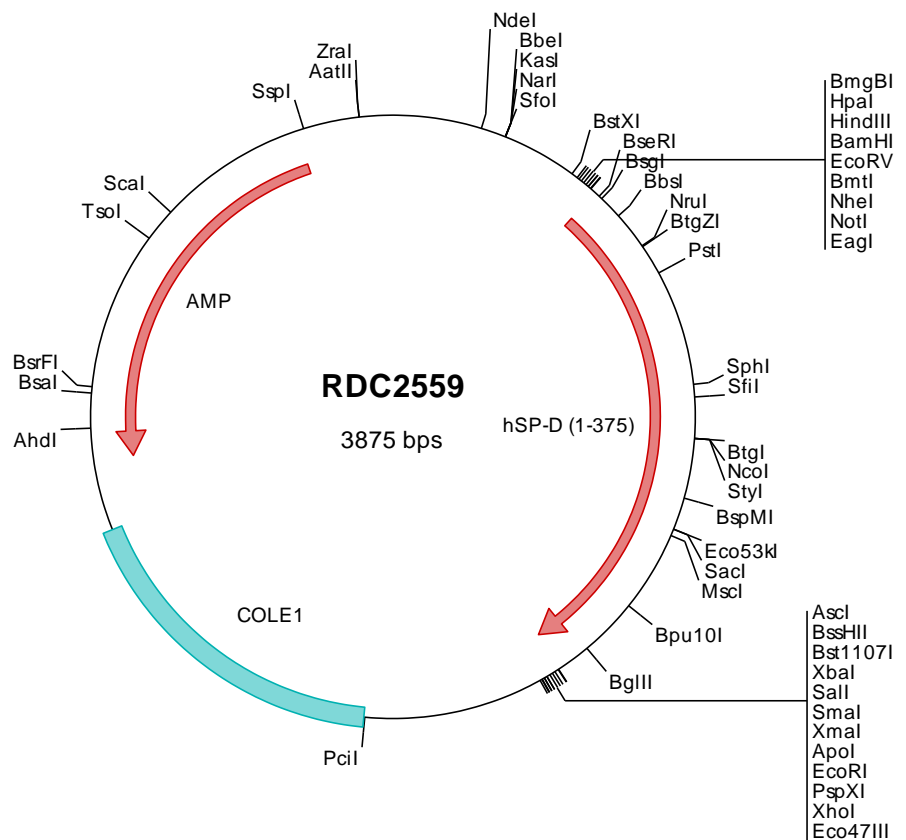
hSP-D cDNA Plasmid

SFTPD surfactant protein D
[*Homo sapiens* (human)]

Also known as: SP-D; PSP-D;
SFTPD4; COLEC7

Summary:

SP-D is a member of the collectin family of innate immune modulators. It is constitutively secreted by alveolar lining cells and epithelium associated with tubular structures. SP-D is part of the innate immune response, protecting the lungs against inhaled microorganisms and chemicals. It may also be involved in surfactant metabolism.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2559 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC2559 Translated Insert Sequence

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