

## Recombinant Human SFTPC protein, His/GST-tagged

Cat. No. SFTPC-3850H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SFTPC(Phe24~Ile197) fused with His/GST tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Phe24~Ile197
<b>Form</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Molecular Mass</b>	51.0kDa
<b>AA Sequence</b>	MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGLEFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IAYSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KR IEAIPQID KYLKSSKYIA WPLQG WQATF GGGDHPPKSD GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTGGG SGIEGRGSMG YRGSEF-FGIPCCP VHLKRL LIVV VVVVLIVVVI VGALLMGLHM SQKHTEMLVLE MSIGAPEAQQ RLALSEHLVT TATFSIGSTG LVVYDYQQLL IAYKPAPGTC CYIMKIAPES IPSLEALNRK VHNFMQMECSL QAKPAVPTSK LGQAEGRDAG SAPSGGDP AF LGMAVNTLCG EVPLYYI
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)

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<b>Purity</b>	> 95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	SFTPC surfactant protein C [ Homo sapiens ]
<b>Official Symbol</b>	SFTPC
<b>Synonyms</b>	SFTPC; surfactant protein C; SFTP2, surfactant, pulmonary associated protein C; pulmonary surfactant-associated protein C; PSP C; SMDP2; SP C; SP5; pulmonary surfactant apoprotein-2 SP-C; pulmonary surfactant-associated proteolipid SPL(Val); SP-C; PSP-C; SFTP2;
<b>Gene ID</b>	6440
<b>mRNA Refseq</b>	NM_001172357
<b>Protein Refseq</b>	NP_001165828
<b>MIM</b>	178620
<b>UniProt ID</b>	P11686
<b>Chromosome Location</b>	8p21

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**Function**

protein homodimerization activity;

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