

Surfactant Associated Protein C Recombinant Protein | SPC recombinant protein

Recombinant Surfactant Associated Protein C (SPC)

CATALOG # AAA144035	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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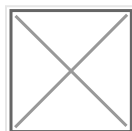
PRODUCT SYNONYMS

Surfactant Associated Protein C; Recombinant Surfactant Associated Protein C (SPC); SPC recombinant protein

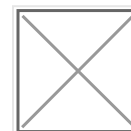
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and GST-tag, its sequence is listed below. MDMSSKE VLMESPPDYS AGPRSQFRIP CCPVHLKRLL IVVVVVVLVV VVIVGALLMG LHMSQKHEM VLEMSIGAPE TQKRLAPSER ADTIATFSIG STGIVVYDYQ RLLTAYKPAP GTYCYIMKMA PESIPSLEAF ARKLQNFRAK PSTPTSKLGQ EEGHDTGSES DSSGRDLAFL GLAVSTLCGE LPLYYI
Sequence Length	186
Applicable Applications for SPC recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	51.0kDa
Accurate Molecular Mass (KD)	51kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Mus musculus (Mouse)
Fragment	Met1-Ile193
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	1721
UniProt Accession #	P22398
Molecular Weight	19,836 Da
NCBI Official Full Name	surfactant associated protein C
UniProt Protein Name	Pulmonary surfactant-associated protein C
UniProt Gene Name	SFTPC
UniProt Synonym Gene Names	SFTP2; SP-C
UniProt Entry Name	PSPC_RABIT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sftpc-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144035>