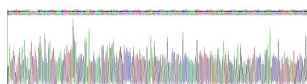


Mouse Pulmonary Surfactant-Associated Protein D (SFTPD) Protein

Catalogue No.: abx166074



SDS-PAGE analysis of recombinant Mouse SPD Protein.



Gene sequencing analysis of Mouse SPD Protein.

Mouse Pulmonary Surfactant-Associated Protein D is a recombinant Mouse protein expressed in *E. coli*.

Target: Pulmonary Surfactant-Associated Protein D (SFTPD)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Datasheet

Version: 3.0.0
Revision date: 01 Jun 2025



Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P50404 ([UniProt](#), [ExPASy](#))

Gene Symbol: SFTPD

GeneID: [20390](#)

KEGG: mmu:20390

Ensembl: ENSMUST00000077136

String: [10090.ENSMUSP00000076383](#)

Molecular Weight: Calculated MW: 14.1 kDa
Observed MW (SDS-PAGE): 15 kDa

Sequence Fragment: Val259-Phe374

Sequence: VG DKIFRTADSE KPFEDAQEMC KQAGGQLASP RSATENAAIQ QLITAHNKAA FLSMTDVGTE
GKFTYPTGEP LVYSNWAPGE PNNNGGAENC VEIFTNGQWN DKACGEQRLV ICEF

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 600 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.