Recombinant Mouse Sftpb protein, His-tagged

Cat. No. Sftpb-1720M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sftpb aa. (Gly20~Pro193 (Accession # P50405)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly20~Pro193
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

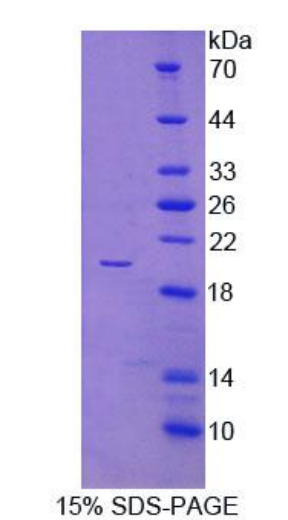
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	Sftpb surfactant associated protein B [Mus musculus (house mouse)]
Official Symbol	Sftpb
Synonyms	Sftpb; surfactant associated protein B; SF-B; SP-B; Sftp3; Sftp-3; AI562151; pulmonary surfactant-associated protein B; pulmonary surfactant-associated proteolipid SPL(Phe)
Gene ID	20388
mRNA Refseq	NM_147779.2
Protein Refseq	NP_680088.1
UniProt ID	P50405

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SDS-PAGE	 15% SDS-PAGE

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