

Recombinant Mouse Sftpa1 protein, His & T7-tagged

Cat. No. Sftpa1-7890M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sftpa1 aa. (Asn21~Phe248 (Accession # P35242)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asn21~Phe248
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Sftpa1 surfactant associated protein A1 [Mus musculus (house mouse)]
Official Symbol	Sftpa1
Synonyms	SP-A; Sftp1; Sftp-1; PSAP; PSP-A; surfactant pulmonary associated protein A1; pulmonary surfactant-associated protein A
Gene ID	20387
mRNA Refseq	NM_023134.4
Protein Refseq	NP_075623.2
UniProt ID	P35242

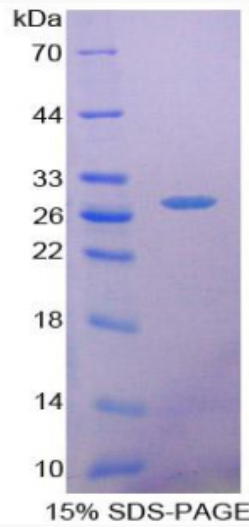
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SDS-PAGE



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