

Recombinant Mouse Sftpd protein, His-tagged

Cat. No. Sftpd-865M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sftpd protein(NP_033186.1)(Met1-Phe374), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-374 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse SFTPD consists of 366 amino acids and has a calculated molecular mass of 37.2 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 45 kDa protein in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Phe374
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Sftpd surfactant associated protein D \[Mus musculus \]](#)

Official Symbol [Sftpd](#)

Synonyms SFTPD; surfactant associated protein D; pulmonary surfactant-associated protein D; PSP-D; lung surfactant protein D; SP-D; Sftp4; AI573415;

Gene ID [20390](#)

mRNA Refseq [NM_009160](#)

Protein Refseq [NP_033186](#)

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