

Recombinant Pig SFTPB Protein Product Manual

1. Product Basic Information

Product No.: REP08221

Protein Name: SFTPB

Aliases: SP-PSP-SFTB3; SFTP3; SMDP1

UniProt ID: P07988

UniProt Link: <https://www.uniprot.org/uniprotkb/P07988/entry>

Species Source: Sus scrofa (Pig)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (1-79aa)

Molecular Weight: 8.7 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (1-79aa)

FPIPLPFCWLCRTLIKRIQAVVPKGVLKAVAQVCHVVPLPVGGICQCLAERYIVICLN
MLLDRTLPLQLVCGLVLRCS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.



5. Product Description

This product is a recombinant Pig SFTPB full length of mature protein protein (1-79aa) expressed in Yeast. The protein is tag-free. SFTPB, also known as SP-PSP-SFTB3 or SFTP3 or SMDP1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.