

Recombinant Human SFTPD Protein Product Manual

1. Product Basic Information

Product No.: REP08223

Protein Name: SFTPD

Aliases: SP-PSP-SFTP4; COLEC7

UniProt ID: P35247

UniProt Link: <https://www.uniprot.org/uniprotkb/P35247/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (21–375aa)

Molecular Weight: 35.2kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (21–375aa)

AEMKTYSHRTMPSACTLVMCSSVESGLPGRDGRDGREGPRGEKGDPLPGAAG
QAGMPGQAGPVGPKGDNGSVGEPGPKGDTGPSGPPGPPGVPGPAGREGPLGK
QGNIGPQKGPKGEAGPKGEVGAAGMPPGQSGARGLAGPKGERGVPGERGVPG
NTGAAGSAGAMGPQGSPPGLKGDGKIPGDKGAKGESGLPDVASLRQQVE
ALQGQVQHLQAAFSQYKKVELFPNGQSVGEKIFKTAGFVKPFTEAQLLCTQAGGQL
ASPRSAENAALQQLVVAKNEAFLSMTDSKTEGKFTYPTGESLVYSNWAPGEPN
DDGGSEDCVEIF

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



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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 Human SFTPD full length of mature protein protein (21–375aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. SFTPD, also known as SP-PSP-SFTP4 or COLEC7, 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.