

Recombinant Human SFTPA1 Protein Product Manual

1. Product Basic Information

Product No.: REP08219

Protein Name: Sp-A1 Beta (SFTPA1)

Aliases: SPA; ILD1; PSPA; SP-SPA1; PSP-SFTP1; SP-A1; COLEC4; SFTPA1B; SP-A1 beta; SP-A1 delta; SP-A1 gamma; collectin-SP-A1 epsilon; surfactant protein A1; surfactant protein A1B; alveolar proteinosis protein;...

UniProt ID: Q8IWL2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8IWL2/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (21-248aa)

Molecular Weight: 26.2 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (21-248aa)

EVKDVCVGGSPGIPGTPGSHGLPGRDGRDGLKGDPPGPMGPPGEMPCPPGND
GLPGAPGIPGECGEKGEGERGPPGLPAHLDEELQATLHDFRHQILQTRGALSQGG
SMTVGEKVFSSNGQSITFDAIQEACARAGGRIAVPRNPEENEAIASFVKKYNTYAYV
GLTEGPSPGDFRYS DGTPVNYTNWYRGEPAGRGKEQC VEMYTDGQWDRNCLY
SRLTICEF

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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



5. Product Description

This product is a recombinant Human SFTPA1 full length of mature protein protein (21-248aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. SFTPA1, also known as SPA or ILD1 or PSPA, 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.