

Recombinant strain LT2 / SGSC1412 / ATCC 700720 sctE1 Protein Product Manual

1. Product Basic Information

Product No.: REP08179

Protein Name: Cell Invasion Protein Sipb (Effector Protein Sipb), Sipb, Sspb (sctE1)

Aliases: Cell invasion protein SipB (Effector protein SipB), sipB, sspB

UniProt ID: Q56019

UniProt Link: <https://www.uniprot.org/uniprotkb/Q56019/entry>

Species Source: Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)

Expression System: E.coli

Protein Length: Partial (81-237aa)

Molecular Weight: 17.3

Protein Tag: Tag-Free

2. Amino Acid Sequence (81-237aa)

SEGQLTLLLGKLMTLLGDVLSQLESRLAVWQAMIESQKEMGIQVSKEFQTALGEA
QEATDLYEASIKKTDATAKSVDAAATKKLTQAQNKLQSLDPADPGYAQAEEAVEQAG
KEATEAKEALDKATDATVKAGTDAKAKAEKADNILTKFQGTANAA

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



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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 strain LT2 / SGSC1412 / ATCC 700720 sctE1 partial protein (81-237aa) expressed in E.coli. The protein is tag-free. sctE1, also known as Cell invasion protein SipB (Effector protein SipB), sipB, sspB, 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.