



Recombinant strain N315 hlgC Protein Product Manual

1. Product Basic Information

Product No.: REP07119

Protein Name: Bi-Component Gamma-Hemolysin Hlgcb Subunit C (hlgC)

Aliases: bi-component gamma-hemolysin HlgCB subunit C

UniProt ID: Q7A3S2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q7A3S2/entry>

Species Source: Staphylococcus aureus (strain N315)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (30-315aa)

Molecular Weight: 36.6 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (30-315aa)

ANDTEDIGKGSIDIEIKRTEDKTSNKWGVQTQNIQFDFVKDKKYNKDALILKMQGFISS
RTTYNYKKTNHVKAMRWPFQYNIQGLKTNDKYVSLINYLKPKNKIESTNVSQTLGYNI
GGNFQSAPSLGGNGSFNYSKSIQYVSEVEQQNSKSVLWGVKANSFATESG
QKSAFDSDLFVGYPHSDPRDYFVPDSELPPLVQSGFNPSFIATVSHEKGSSDTS
EFEITYGRNMDVTHAIKRSTHYGNSYLDGHRVHNAFVNRNYTVKYEVDWKTHEIKV
KGQN

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 protein denaturation and activity loss.



5. Product Description

This product is a recombinant strain N315 hlgC full length of mature protein protein (30-315aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. hlgC, also known as bi-component gamma-hemolysin HlgCB subunit C, 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.