



Recombinant strain MC58 hupB Protein Product Manual

1. Product Basic Information

Product No.: REP07173

Protein Name: Dna-Binding Protein Hu-Beta (hupB)

Aliases: DNA-binding protein HU-beta

UniProt ID: P0ACF5

UniProt Link: <https://www.uniprot.org/uniprotkb/P0ACF5/entry>

Species Source: Neisseria meningitidis serogroup B (strain MC58)

Expression System: E.coli

Protein Length: Full Length (1-89aa)

Molecular Weight: 15.4 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-89aa)

MNKSELIEAIAQEADISKAAAQKALDATTNAVTTALKQGDTVTLVGFGTFYVGERAE
RQGRNPKTGEPLTIAAAKTPKFRAGKALKDAL

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 strain MC58 hupB full length protein (1-89aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. hupB, also known as DNA-binding protein HU-beta, 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.