



Recombinant uncultured bacterium Flagellin Protein Product Manual

1. Product Basic Information

Product No.: REP06898

Protein Name: Flagellin

Aliases: Flagellin

UniProt ID: Q6QA52

UniProt Link: <https://www.uniprot.org/uniprotkb/Q6QA52/entry>

Species Source: uncultured bacterium

Expression System: E.coli

Protein Length: Full Length (1-459aa)

Molecular Weight: 49.0 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (1-459aa)

MVVQHNL RAMNSNRMLGITQGSLNKSTEKLSSGYKVNRAADDAAGLSISEKMRKQI
RGLSQASLNAEDGISAVQTAEGALTEVHMLQRMNELAVKAANGTNSTSDRQTIQD
EVDQLLTEIDRVAETTKFNELYTLKGDEDKVTRYLSAHDAGIEGTLTQGATNATFSM
DQLKFGDTIMIAGREYHISGTKAEQAAITASVKIGQQVTIDGIMYTCSSVSNADKFEL
KSEDLIAKLDTSSLSIMSVNGKTYYGAGITDDRTVVSSIGAYKLIQKELGLASSIGADG
ATQASVNAGVDGKTLMKPSFEGKWWFSIDKGSVQVREDIDFSLHVGADADMNNKIA
VKIGALDTKGLGIQGLNVKDTTGAAATYAIDSIADAVARISAQRSLLGAVQNRLEHTIN
NLDNVVENTTAAESQIRDTDMATEMVKYSNNNVLAQAGQSMLAQSNQANQGVLQL
LQ

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 uncultured bacterium Flagellin full length protein (1-459aa) expressed in E.coli. The protein is tag-free. Flagellin, also known as Flagellin, 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.