



Recombinant Campylobacter jejuni flaB Protein Product Manual

1. Product Basic Information

Product No.: REP06896

Protein Name: Flagellin Flab (flaB)

Aliases: flagellin FlaB

UniProt ID: O51941

UniProt Link: <https://www.uniprot.org/uniprotkb/O51941/entry>

Species Source: Campylobacter jejuni

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-575aa)

Molecular Weight: 61.6 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-575aa)

GFRINTNIGALNAHANSVVNARELDKSL SRLSSGLRINSAADDASGMAIADSLRSQA
ATLGQAINNGNDAIGILQTADKAMDEQLKILDTIKTKATQAAQDGQSLKTRTMLQADI
NRLMEELDNIA NTTSFNGKQLLSGNFINQEFQIGASSNQTIKATIGATQSSKIGLTRFE
TGSRISVGGEVQFTLKNYNGIDDFKFQKVVISTSVGTGLGALAE EINKSADQTGVRA
TFTVETRGMGAVRAGATSEDFaingvKIGQIEYKGDGANGALVSAINSVKDTTGVEA
SIDENGKLLLLTSREGRGIKIEGNIGRGAFINPNMLENYGRLSLVKNDGKDILISGTNLS
AIGFGTGNMISQASVSLRESKGQIDANVADAMGFNSANKGNILGGYSSVSAYMSST
GSGFSSGSGFSVGSGKNYSTGFANTIAISAASQLSAVYNVSAGSGFSSGSNLSQFA
TMKTSAGNTLGVKDETAGVTTLKGAMAVMDIAETAITNLDQIRADIGSVQNQLQVTI
NNITVTQVNVKAAESTIRDVDFAAESANFSKYNILAQSGSYAMSQANAVQQNVLKLL
Q

3. Storage Buffer

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

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 *Campylobacter jejuni* flaB full length of mature protein protein (2-575aa) expressed in *E.coli*. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. flaB, also known as flagellin FlaB, 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.