

## Bacteria uncultured bacterium Flagellin protein

**Cat#: orb604470 (CoA)**

**Product Code** orb604470

**Relevance** Flagellin is the subunit protein which polymerizes to form the filaments of bacterial flagella.

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

**Uniprot No.** Q6QA52

**Product Type** Recombinant Protein

**Purity** Greater than 85% as determined by SDS-PAGE.

### Sequence

MVVQHNL RAMNSNRMLGITQGSLNKSTEKLSSGYKVNRAADDAAGLSISEKMRKQIRGLSQASLNAEDGISAVQTAEGALTE  
VHDM LQRMNELAVKAANGTNSTSDRQTIQDEVDQLLTEIDRVAETTKFNELYTLKGDEDKVTRYLSAHDAGIEGTLTQGATN  
ATFSMDQLKFGDTIMIAGREYHISGKAEQAAITASVKIGQQVTIDGIMYTCSSVSNADKFELKSEDIAKLDTSLSIMSVNGK  
TYYGAGITDDRTVVSSIGAYKLIQKELGLASSIGADGATQASVNAGVDGKTLMKPSFEGKWVFSIDKGSVQVREDIDFSLHVGA  
DADMNNKIAVKIGALDTKGLGIQGLNVKDTTGAAATYAIDSIADAVARISAQRSLLGAVQNRLEHTINNLDNVVENTTAAESQI  
RDTDMATEMVKYSNNNVLAQAGQSMLAQSNQANQGVLQLLQ

**Lead Time** 3-7 business days

**Research Area** Microbiology

**Source** E.coli

**Expression Region** 1-459aa

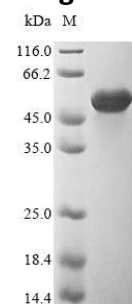
**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info** Tag-Free

**Mol. Weight** 49.0 kDa

**Protein Description** Full Length

### Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.