



[Go to Product page](#)

Datasheet for ABIN5624606

## Flagellin Protein (FliC)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	Flagellin (FliC)
Origin:	Borrelia burgdorferi
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	ELISA, Western Blotting (WB)

#### Product Details

Purification:	Flagellin is a fusion protein with an MBP tag and was expressed in E.coli. Analysis by SDS-PAGE resulted in a pattern consistent with purified Flagellin and was estimated to be greater than 95% pure.
Sterility:	Sterile filtered

#### Target Details

Target:	Flagellin (FliC)
Alternative Name:	Flagellin ( <a href="#">FliC Products</a> )
Gene ID:	7106737
UniProt:	<a href="#">P11089</a>
Pathways:	<a href="#">Inflammasome</a>

## Application Details

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Application Notes: Application Note: Flagellin is suitable as a control in immunological assays. Specific conditions for reactivity should be optimized by the end user. Expect a band at 76.3 kDa Flagellin-MBP, (33.9 kDa for Flagellin and 42.4 kDa for MBP) in size corresponding to Flagellin by Western blotting in the appropriate cell lysate or extract.

Western Blot Dilution: User Optimized

ELISA Dilution: User Optimized

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1.0 mg/mL

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Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

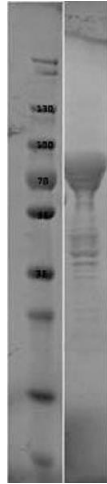
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Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.

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Expiry Date: 6 months

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### SDS-PAGE

**Image 1.** SDS-PAGE of Flagellin Control Protein. Lane 1: Molecular Weight Marker. Lane 2: Flagellin Control Protein. Load: 10  $\mu$ l at 1:6 dilution. Predicted/Observed size: 76.3 kDa fusion protein, 33.9 kDa for Flagellin, 42.4 kDa for MBP alone.