

## Product datasheet

# Recombinant E. coli surA protein ab99241

画像数 1

### 製品の詳細

製品名	Recombinant E. coli surA protein
生理活性	Specific activity is > 800nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAPF-pNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.
精製度	> 95 % SDS-PAGE. ab99241 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>P0ABZ6</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Escherichia coli
配列	<b>MGSSHHHHH SSGLVPRGSH M APQVVDKVA</b> AVVNGVVLE SDVDGLMQSV KLNAARQQ LPDDATLRHQ IMERLIMDQI ILQMGQKMGV KISDEQLDQA IANIAKQNNM TLDQMRSRLA YDGLNYNTYR NQIRKEMIIS EVRNNEVRRR ITILPQEVES LAQQVGNQND ASTELNLSHI LIPLPENPTS DQVNEAESQA RAIVDQARNG ADFGKLAIAH SADQQALNGG QMGWGRIQEL PGIFAQALST AKKGDIVGPI RSGVGFHILK VNDLRGESKN ISVTEVHARH ILLKPSPIMT DEQARVKLEQ IAADIKSGKT TFAAAKEFS QDPGSANQGG DLGWATPDIF DPAFRDALTR LNKGQMSAPV HSSFGWHLIE LLDTRNVDKT DAAQKDRAYR MLMNRKFSEE AASWMQEORA SAYVKILSN

予測される分子量	47 kDa
領域	21 to 428
タグ	His tag N-Terminus

### 特性

Our **Abpromise guarantee** covers the use of **ab99241** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE Mass Spectrometry Functional Studies
質量分析	MALDI-TOF
製品の状態	Liquid

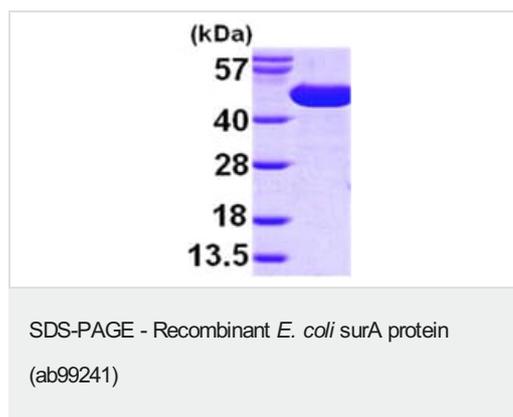
#### 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.
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#### 関連情報

関連性	surA is a chaperone involved in the correct folding and assembly of outer membrane proteins, such as ompA, ompF and lamB. It recognizes specific patterns of aromatic residues and the orientation of their side chains, which are found more frequently in integral outer membrane proteins. surA may act in both early periplasmic and late outer membrane-associated steps of protein maturation and is essential for the survival of <i>E.coli</i> in stationary phase.
細胞内局在	Periplasm. Note: Is capable of associating with the outer membrane.

#### 画像



15% SDS-PAGE showing ab99241 at approximately 47.3kDa (3μg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### **Terms and conditions**

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors