

# Recombinant E. coli slyD protein ab72847

画像数 1

### 製品の詳細

製品名	Recombinant E. coli slyD protein
生理活性	Specific activity is > 700nmol/min/mg, and is defined as the amount of enzyme cleaves 1nmol of suc-AAPF-pNA per minute at 37°C in Tris-HCl pH 8.0 using chymotrypsin.
精製度	> 95 % SDS-PAGE. ab72847 is purified by conventional chromatography.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Escherichia coli
配列	MKVAKDLVVSLAYQVRTEDGVLVDESPVSAPLDYLGHGSLI SGLETALE GHEVGDKFDVAVGANDAYGQYDENLVQRVPKDVFMGVDELQV GMRFLAET DQGPVPVEITAVEDDHVVVDGNHMLAGQNLKFNVEVVAIREA TEEELAAG HVGGAHDHHDHHDGCGGGHGHGHEHGEGCGGGKNGG CGCH

### 特性

Our **Abpromise guarantee** covers the use of **ab72847** 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 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 7.50

Constituent: 0.242% Tris

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 関連情報

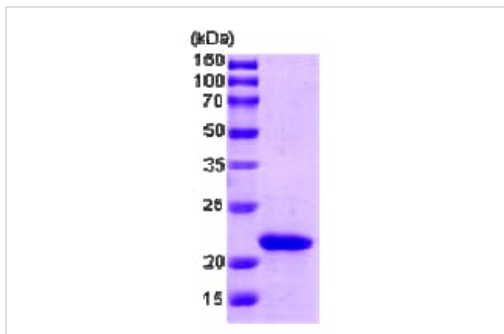
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**関連性** slyD belongs to the FKBP-type PPase family. Required for lysis of phiX174 infected cells. It binds nickel and zinc with high affinity and 1:1 stoichiometry, copper and cobalt with lower affinity. No binding is detectable for ferrous, ferric, magnesium and calcium ions. The activity of slyD is considerably smaller than the one found in other PPases with the same substrate. The substrate specificity carried out with 'suc-Ala-Xaa-Pro-Phe-4NA', where Xaa is the AA tested, was found to be Phe > Ala > Leu.

**細胞内局在** Cytoplasmic

## 画像

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SDS-PAGE showing ab72847 (3µg) at approximately 21kDa.

SDS-PAGE - Recombinant *E. coli* slyD protein  
(ab72847)

**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

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- 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.

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