

# Recombinant staphylococcus aureus Glutamyl endopeptidase protein ab98127

### 製品の詳細

製品名	Recombinant staphylococcus aureus Glutamyl endopeptidase protein
生理活性	ab98127 cleaves at the Carboxyl side of E (can also cleave D under certain conditions). Reaction Buffer: 10 mM Tris, pH 8.0
精製度	> 95 % SDS-PAGE. ab98127 is sterile filtered through a 0.2 micron filter. Purity is > 95% by SDS-PAGE gel and HPLC analyses.
エンドトキシン・レベル	< 0.100 Eu/μg
発現系	Escherichia coli
アクセッション番号	<b>P0C1U8</b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Staphylococcus aureus
配列	LPNNDRHQITD TTNGHYAPVTYIQVEAPTGTFIASGVVVGKD TLLTNKHV VDATHGDPHALKAFPSAINQDNYPNGGFTAEQITKYSGEDL AIVKFSPN EQNKHIGEVVKPATMSNNAETQVNQNITVTGYPGDKPVATMW ESKGKITY LKGEAMQYDLSTTGGNSGSPVFNEKNEVIGIHWGGVPNEFNG AVFINENV RNFLKQNIEDIHFANDDQPNNPDNPDNPNNDPNPNNDPEPNN PDNPNNDP NPDNGDNNNSDNPDA
予測される分子量	29 kDa
領域	71 to 336

### 特性

Our **Abpromise guarantee** covers the use of **ab98127** 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 HPLC

## SDS-PAGE

## Functional Studies

### 製品の状態

Lyophilized

### 備考

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## 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.

Constituent: 0.121% Tris

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

### 再構成

The lyophilized protein is stable at room temperature for up to 1 month. Reconstitute in water to a concentration of 0.1-1.0 mg/ml.

## 関連情報

### 関連性

Glutamyl endopeptidase preferentially cleaves peptide bonds on the carboxyl-terminal side of aspartate and glutamate. Along with other extracellular proteases it is involved in colonization and infection of human tissues. It is required for proteolytic maturation of thiol protease sspB and inactivation of sspC, an inhibitor of sspB. It is the most important protease for degradation of fibronectin-binding protein (FnBP) and surface protein A, which are involved in adherence to host cells. It may also protect bacteria against host defense mechanism by cleaving the immunoglobulin classes IgG, IgA and IgM. It may be involved in the stability of secreted lipases.

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

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