

# Recombinant listeria monocytogenes Listeriolysin (LLO) protein ab83345

[4 References](#) [画像数 1](#)

### 製品の詳細

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製品名	Recombinant listeria monocytogenes Listeriolysin (LLO) protein
生理活性	Hemolytic activity: $1.25 \times 10^6$ HU/mg. 2 mM DTT could be use to reactivate the toxin.
精製度	> 90 % Ion Exchange Chromatography. Purified by hydroxyapatite and ion-exchange chromatography
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Listeria monocytogenes
領域	60 to 529

### 特性

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Our **Abpromise guarantee** covers the use of **ab83345** 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	Functional Studies SDS-PAGE
製品の状態	Liquid

### 前処理および保存

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保存方法および安定性	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 0.02025% Potassium chloride, 0.82% Sodium phosphate, 0.0154% DTT, 0.0292% EDTA, 5% Glycerol, 2.9% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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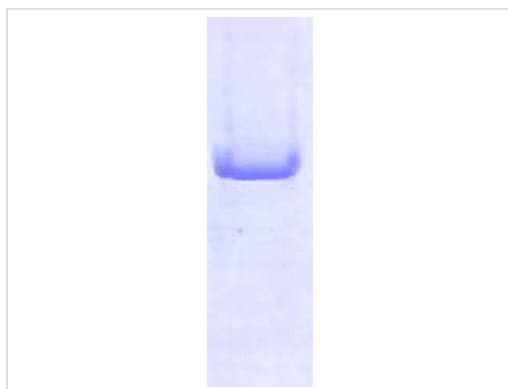
### 関連情報

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## 関連性

*Listeria monocytogenes* is a facultative intracellular Gram-positive food borne bacterium, increasingly recognized as being responsible for severe infections in both humans and animals. Ingestion of contaminated food causes an infection called Listeriosis, which affects especially immunocompromised patients, newborns and pregnant women. It is characterized by severe syndromes such as encephalitis, meningoenzephalitis, septicemia and abortion. Listeriolysin O (LLO) is a single polypeptide protein secreted by the Gram-positive bacterium *Listeria monocytogenes*. LLO belongs to the group of cholesterol-binding sulfhydryl-activated toxins, the lytic activity of which is enhanced by reducing agents and is suppressed by exposure to oxygen or cholesterol. LLO hemolytic activity is maximum at pH 5.5 and rapidly decreases with the increase of the pH.

## 画像



ab83345 by SDS Page, MW 52.5 kDa

SDS-PAGE - Recombinant *Listeria monocytogenes*  
Listeriolysin (LLO) protein (ab83345)

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

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