

## Product datasheet

# Recombinant *E. coli* Ferric uptake regulation protein ab117158

### 製品の概要

製品名	Recombinant <i>E. coli</i> Ferric uptake regulation protein
タンパク質長	Full length protein

### 製品の詳細

由来	Recombinant
由来	Escherichia coli

### アミノ酸配列

アクセッション番号 [P0A9A9](#)

生物種 Escherichia coli

配列  
 MTDNNTALKK AGLKVTLPR L KILEVLQEPD  
 NHHVSAEDLY KRLIDMGEEI GLATVYRVLN  
 QFDDAGIVTR HNFEGGKSVF ELTQQHHHDH  
 LICLDGKVI EFSDDSEAR QREIAAKHGI  
 RLTNHSLYLY GHCAEGDCRE DEHAHEGK

分子量 17 kDa

領域 1 to 148

配列の追加情報 Ferric Uptake Regulator Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 148 amino acids and having a molecular mass of 16.7kDa.

### 特性

Our [Abpromise guarantee](#) covers the use of **ab117158** 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

精製度 > 95 % SDS-PAGE.  
 Purity greater than 95% as determined by Analysis by RP-HPLC and SDS-PAGE.

製品の状態 Liquid

備考 For long term storage of ab117158 it is recommended to add a carrier protein (0.1% HSA or BSA).

### 前処理および保存

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**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 long term. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 0.02% Calcium chloride, 0.58% Sodium chloride

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**関連情報****関連性**

Ferric Uptake Regulator protein is a DNA-binding protein which controls iron-responsive genes. Ferric Uptake Regulator has a molecular mass of 17-kDa and plays a role in global transcriptional repressor that in the existence of iron regulates functions as diverse as iron acquisition, oxidative stress, and virulence. In Escherichia coli, members of the Ferric Uptake Regulator family regulate the expression of at least 100 genes that function in processes as diverse as the biosynthesis and transport of siderophores, the expression of virulence factors, the alleviation of oxidative and NO-induced stress, and the inhibition of ferritin production through the expression of RyhB.

**細胞内局在**

Cytoplasmic

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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**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 <http://www.abcam.co.jp/abpromise> or contact our technical team.

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