

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
 LICLDCGKVI EFSDDSI EAR 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

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

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

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