

Product datasheet

Recombinant *E. coli* fur protein ab78816

1 Image

Description

Product name	Recombinant <i>E. coli</i> fur protein
Purity	> 95 % SDS-PAGE. ab78816 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Escherichia coli
Sequence	MTDNNTALKK AGLKVTLPRLL KILEVLQEPD NHHVSAEDLY KRLIDMGEEI GLATVYRVLN QFDDAGIVTR HNFEGGKSVF ELTQQHHHDH LICLDCGKVI EFSDDSIAR QREIAAKHGI RLTNHSLYLY GHCAEGDCRE DEHAHEGK

Description Recombinant *E. coli* fur protein

Specifications

Our **Abpromise guarantee** covers the use of **ab78816** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.0222% Calcium chloride, 0.00174% PMSF, 0.242% Tris, 0.58% Sodium chloride

General Info

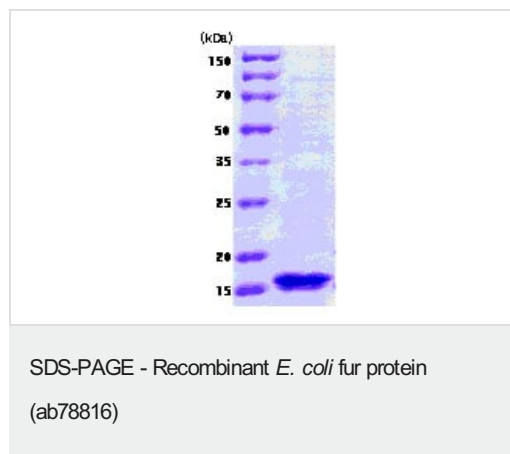
Relevance

fur (ferric uptake regulator) protein is a DNA-binding protein which regulates iron-responsive genes. A small, 17-kDa, global transcriptional repressor, fur, in the presence of iron regulates functions as diverse as iron acquisition, oxidative stress, and virulence. In *Escherichia coli*, members of the fur family regulate the expression of more than 100 genes that function in processes as varied 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.

Cellular localization

Cytoplasmic

Images



15% SDS-PAGE showing ab78816 at approximately 16kDa (3 μ g).

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

- 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

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