

Recombinant E. coli LexA protein ab63816

[1 References](#) [2 图像](#)

描述

产品名称	重组E. coli LexA蛋白
纯度	> 90 % SDS-PAGE. highly purified by several steps of chromatography
表达系统	Escherichia coli
Accession	<u>P0A7C2</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Escherichia coli
序列	MKALTARQQE VFDLIRDHIS QTGMPPTRAE IAQRLGFRSP NAAEEHLKAL ARKGVIEIVS GASRGIRLLQ EEEEGLPLVG RVAAGEPLLA QQHIEGHYQV DPSLFKPNAD FLLRVSGMSM KDIGIMDGD L LAVHKTQDVR NGQVVVARID DEVTVKRLKK QGNKVELLPE NSEFKPIVVD LRQSFSTIEG LAVGVIRNGD WL

描述 重组E. coli LexA蛋白

技术指标

Our **Abpromise guarantee** covers the use of **ab63816** in the following tested applications.

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

应用 SDS-PAGE

形式 Liquid

补充说明

This protein can be used in: 1) Studies on the mechanism of E. coli SOS response. 2) Used as an antigen for positive control in Western blotting to confirm that the Bait construct is expressed stably in the nucleus as protein of the expected size in the yeast two-hybrid method using the lexA gene.

制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 6

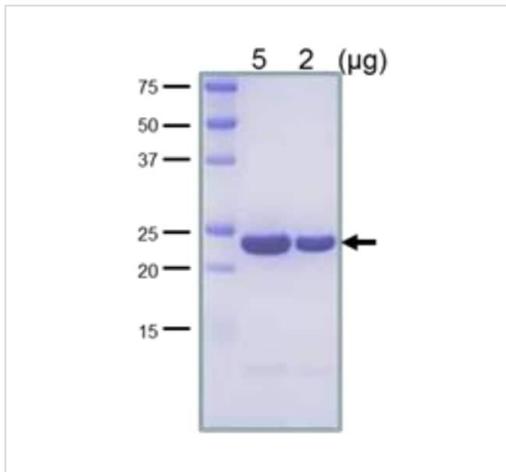
Constituents: 0.039% Beta mercaptoethanol, 0.158% Tris HCl, 0.0584% EDTA, 50% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

相关性

E. coli LexA protein inhibits the transcription of the genes belonging to the SOS regulon that are related to DNA repair and cell division by recognizing and binding to the SOS-box sequence (TACTGTATATATACAGTA). LexA's self-protease activity is promoted by RecA protein which, responding to DNA damage, is activated by its binding to single-strand DNA accumulated in the cells. It is cleaved into two fragments and loses its function as a repressor. As the result, the expression of genes belonging to the SOS regulon is induced, and DNA repair ability and mutagenic activity in the cells are enhanced.

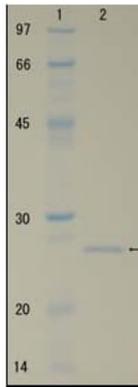
图片



SDS-PAGE analysis of Recombinant *E. coli* LexA protein (ab63816).

SDS-PAGE - Recombinant *E. coli* LexA protein
(ab63816)

SDS Page analysis of ab63816



SDS-PAGE - Recombinant *E. coli* LexA protein
(ab63816)

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