

### Recombinant *E. coli* sodA protein ab106893

#### 1 图像

#### 描述

产品名称	重组 <i>E. coli</i> sodA蛋白	
纯度	> 95 % SDS-PAGE. ab106893 is purified using conventional chromatography techniques.	
表达系统	<i>Escherichia coli</i>	
Accession	<b><u>P00448</u></b>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	<i>Escherichia coli</i>	
序列		MGSSHHHHHHSSGLVPRGSHMSYTLPSLPYAYDALEPHFDKQ TMEIHHTK HHQTYVNNANALES LPEFANLPVEELITKLDQLPADKKTVL RNNAGGHA NHSLFWKGLKKGTTLQGDLKAAIERDFGSVDNFKAEFKAAA SRFGSGWA WLV LKGD KLAVVSTANQDSPLMGEAISGASGFPIMGLDVWEH AYYLKFQN RRPDYIKEFWNVVNWDEAAARFAAKK
预测分子量	25 kDa including tags	
氨基酸	1 to 206	
标签	His tag N-Terminus	
描述	重组 <i>E. coli</i> sodA蛋白	

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab106893** in the following tested applications.

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

应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

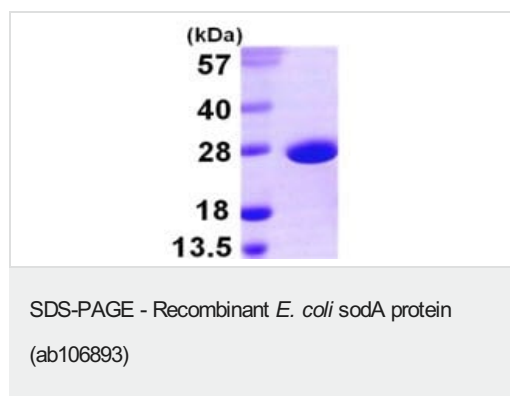
Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## 常规信息

### 相关性

Superoxide dismutase, Mn, also known as sodA, is a member of the iron/manganese superoxide dismutase family. SodA destroys radicals which are normally produced within the cells and which are toxic to biological systems. It works by catalyzing the dismutation of the superoxide radical  $O_2^-$  to  $O_2$  and  $H_2O_2$ , which are then metabolized to  $H_2O$  and  $O_2$  by catalase and glutathione peroxidase.

## 图片



15% SDS-PAGE showing ab106893 at approximately 25.2kDa (3µg).

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

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