

Product datasheet

Recombinant *E. coli* Thioredoxin reductase protein ab95910

1 References 1 图像

概述

产品名称 重组*E. coli* Thioredoxin reductase蛋白  
 蛋白长度 Full length protein

描述

性质 Recombinant  
 来源 Escherichia coli

氨基酸序列

Accession [P0A9P4](#)

种属 Escherichia coli

序列  
 MGTTKHSKLL ILGSGPAGYT AAVYAARANL  
 QPVLITGMEK GGQLTTTTEV ENWPGDPNDL  
 TGPLLMERMH EHATKFETEI IFDHINKVDL  
 QNRPFRLNGD NGEYTCDALI IATGASARYL  
 GLPSEEFKRGVSRACATCD GFFYRNQKVA  
 VIGGGNTAVE EALYLSNIAS EVHLIHRRDG  
 FRAEKILIKR LMDKVENGNI ILHTNRTLEE  
 VTGDQMGVTG VRLRDTQNSD NIESLDVAGL  
 FVAIGHSPNT AIFEGQLELE NGYIKVQSGI  
 HGNAQTQSIP GVFAAGDVMD HIYRQAITS  
 GTGCMAALDA ERYLDGLADA K

分子量 35 kDa

氨基酸 1 to 321

技术指标

Our [Abpromise guarantee](#) covers the use of **ab95910** in the following tested applications.

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

生物活性 Specific activity is 4-5 units/ml, and was measured in a coupled assay with DTNB and NADPH. The amount of TNB generated by NADPH was measured in absorbance at 412 nm.

应用 Functional Studies  
 SDS-PAGE

质谱法	Mass Spectrometry
纯度	MALDI-TOF-TOF > 90 % SDS-PAGE. ab95910 is purified using conventional chromatography techniques.
形式	Liquid

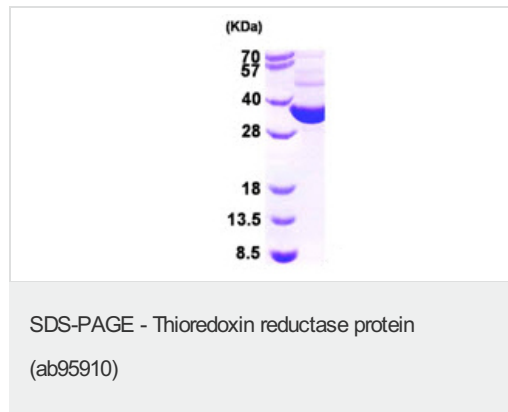
## 制备和贮存

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.  Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0  This product is an active protein and may elicit a biological response in vivo, handle with caution.
--------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## 常规信息

相关性	Thioredoxin reductase is a member of the flavin-containing NADPH:disulfide oxidoreductases (DSOR) family.
细胞定位	Cytoplasmic

## 图片



15% SDS-PAGE showing ab95910 at approximately 34.6kDa (3µg).

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

## 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 <https://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors