Datasheet for ABIN934939

ASPSCR1 Protein

1 Image

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Overview

Quantity:	100 µg
Target:	ASPSCR1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	AQYEDGKQYT TLEKPVAGAP QVLEFFSFFC PHCYQFEEVL HISDNVKKKL PEGVKMTKYH VNFMGGDLGK DLTQAWAVAM ALGVEDKVTV PLFEGVQKTQ TIRSASDIRD VFINAGIKGE EYDAAWNSFV VKSLVAQQEK AAADVQLRGV PAMFVNGKYQ LNPQGMDTSN MDVFVQQYAD TVKYLSEKK
Characteristics:	Purified recombinant Human DsbA protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	ASPSCR1
Alternative Name:	DsbA (ASPSCR1 Products)
Background:	Dsb proteins (DsbA, DsbB, DsbC, and DsbD) catalyze formation and isomerization of protein

Target Details

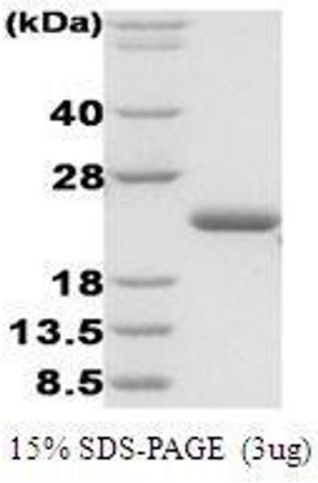
	disulfide bonds in the periplasm of Escherichia coli. DsbC is periplasmic enzyme known as a disulfide isomerase and can convert aberrant disulfide bonds to correct ones. DsbC consists of 236 amino acids containing signal peptide (1-20 amino acids). Recombinant DsbC was expressed in E. coli and purified by using conventional chromatography techniques. Alternative Names: Disulfide oxidoreductase (DsbA) E Coli protein, DsDNA-binding protein A protein, Thiol disulfide interchange protein dsbA., dsbA protein, Disulfide oxidoreductase A periplasmic protein disulfide isomerase I protein, rpbB protein, Double-stranded DNA-binding protein protein
Molecular Weight:	21.1 kDa (189 AA)

Application Details

Application Notes:	DsbA protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris, pH 7.5, containing 0 mM EDTA.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or - 70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.

