

Product datasheet

Recombinant *E. coli* TST protein ab156746

1 Image

Description

Product name	Recombinant <i>E. coli</i> TST protein
Purity	> 95 % SDS-PAGE. ab156746 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P0A6V5</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Escherichia coli
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDQFECI NVADAHQKLQ EKEAVLVDIR DPQSFAMGHA VQAFHLTNDT LGAFMRDNDF DTPVMVMCYH GNSSKGAAQY LLQQGYDVVY SIDGGFEAWQ RQFPAEVAYG A
Predicted molecular weight	15 kDa including tags
Amino acids	1 to 108
Tags	His tag N-Terminus
Description	Recombinant <i>E. coli</i> TST protein

Specifications

Our **Abpromise guarantee** covers the use of **ab156746** in the following tested applications.

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

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

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: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function

Formation of iron-sulfur complexes, cyanide detoxification or modification of sulfur-containing enzymes. Other thiol compounds, besides cyanide, can act as sulfur ion acceptors. Also has weak mercaptopyruvate sulfurtransferase (MST) activity.

Sequence similarities

Contains 2 rhodanese domains.

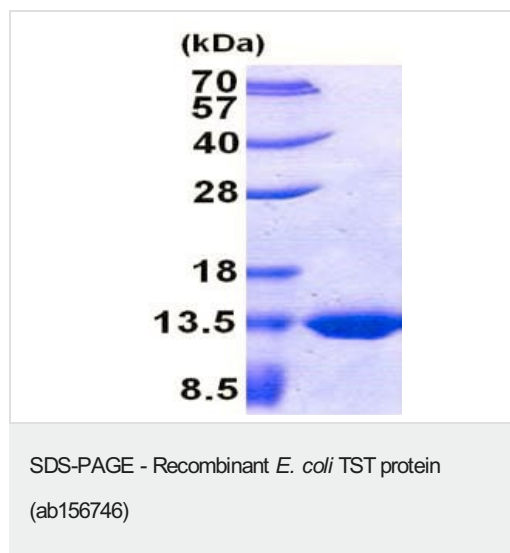
Domain

The structure consists of 2 domains of very similar conformation, suggesting a common evolutionary origin. However, the sequences of the 2 domains are very different.

Cellular localization

Mitochondrion matrix.

Images



15% SDS-PAGE analysis of 3µg ab156746.

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

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