

Datasheet for ABIN935070
TST Protein (AA 1-297)



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1 Image

Overview

Quantity:	100 µg
Target:	TST
Protein Characteristics:	AA 1-297
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MVHQVLYRAL VSTKWLAESI RTGKLGPLGR VLDASWYSPG
TREARKEYLE RHVPGASFFD IIECRDTASP YEMMLPSEAG FAEYVGRGLGI SNHTHVVYD
GEHLGSFYAP RVWWMFRVFG HRTVSVLNGG FRNWLKEGHP VTSEPSRPEP AVFKATLDRS
LLKTYEQVLE NLESKRFLV DSRSQGRFLG TEPEPDAVGL DSGHIRGAVN MPFMDFLTED
GFEKGPEELR ALFQTKKVDL SQPLIATCRK GVTACHVALA AYLCGKPDVA VYDGSWSEWF
RRAPPESRVS QGKSEKA

Characteristics: Purified recombinant Human Thiosulfate sulfurtransferase protein
Expression System: E.coli

Purity: > 95 % pure

Target Details

Target: TST

Target Details

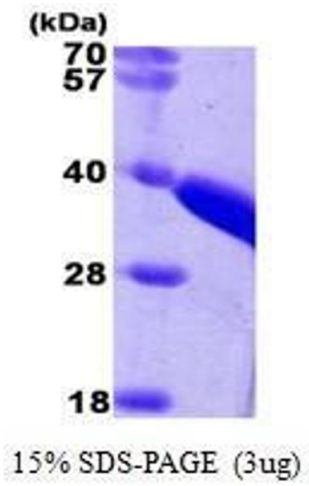
Alternative Name:	Thiosulfate sulfurtransferase (TST Products)
Background:	<p>Thiosulfate sulfurtransferase (TST), also known as Rhodanese, is a mitochondrial enzyme that is involved in cyanide detoxification and the modification of sulfur-containing enzymes. This protein contains two highly conservative domains, known as rhodanese homology domains. In mammals, most cyanide is converted to thiocyanate by this enzyme. TST also has weak mercaptopyruvate sulfurtransferase activity. Recombinant TST protein was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques.</p> <p>Alternative Names: RDS protein, TST protein, Rhodanese protein, Thiosulfate Sulfurtransferase</p>
Molecular Weight:	35.6 kDa (317 AA)

Application Details

Application Notes:	Thiosulfate sulfurtransferase 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-HCl buffer, pH 8.0, containing 10 % glycerol.
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.