

Recombinant Human TST cell lysate

Cat. No. TST-1849HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The product of this gene is a mitochondrial matrix enzyme that is encoded by the nucleus. It may play roles in cyanide detoxification, the formation of iron-sulfur proteins, and the modification of sulfur-containing enzymes. The gene product contains two highly conservative domains (rhodanese homology domains), suggesting these domains have a common evolutionary origin.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	TST thiosulfate sulfurtransferase (rhodanese) [Homo sapiens]
Official Symbol	TST
Synonyms	TST; thiosulfate sulfurtransferase (rhodanese); thiosulfate sulfurtransferase; RDS; MGC19578;

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Gene ID	7263
mRNA Refseq	NM_003312
Protein Refseq	NP_003303
MIM	180370
UniProt ID	Q16762
Chromosome Location	22q13.1
Pathway	Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Degradation of cysteine and homocysteine, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Sulfide oxidation to sulfate, organism-specific biosystem;
Function	5S rRNA binding; RNA binding; thiosulfate sulfurtransferase activity; transferase activity;