

Recombinant Mouse Tst Protein, Myc/DDK-tagged

Cat. No. Tst-6701M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thiosulfate sulfurtransferase, mitochondrial (Tst), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Together with MRPL18, acts as a mitochondrial import factor for the cytosolic 5S rRNA. Only the nascent unfolded cytoplasmic form is able to bind to the 5S rRNA. Formation of iron-sulfur complexes and cyanide detoxification.
Molecular Mass	33.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Tst thiosulfate sulfurtransferase, mitochondrial [Mus musculus (house mouse)]
Official Symbol	Tst
Synonyms	TST; thiosulfate sulfurtransferase, mitochondrial; thiosulfate sulfurtransferase; Rhodanese
Gene ID	22117
mRNA Refseq	NM_009437
Protein Refseq	NP_033463
UniProt ID	P52196

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