

Product datasheet for **TP523915**

Tst (NM_009437) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thiosulfate sulfurtransferase, mitochondrial (Tst), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223915 representing NM_009437 Red =Cloning site Green =Tags(s)
	<p>MVHQVLYRALVSTKWLAESIRSGRLGPSLRVLDASWYSPGTRQARKEYQERHVP GASFFDIEECRD TTSP YEMMLPSEAHFGDYVGNLGISNDTHVWYDGGDLGSFYAPRVWWMFRVFGHRTVSVLNGGFRNWLKEGHP VTSEPSRPEPAVFKATLNL SLLKTYEQVLENLQSKRFQLVDSRAQG RYLGTPEDIVGLDSGHIRGSVN MPFMDFLT KDGF EKSP EELRAIFQDKKVDLSQPLIATCRKGV TACHVALAAYLCGKPDVA VYDGSWSEWF RRAPPETRV SQGKSGKA</p> <p>SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	33.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033463
Locus ID:	22117
UniProt ID:	P52196 , Q545S0



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RefSeq Size: 1096

Cytogenetics: 15 37.47 cM

RefSeq ORF: 891

Synonyms: Rhodanese

Summary: 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 (By similarity). Formation of iron-sulfur complexes and cyanide detoxification.[UniProtKB/Swiss-Prot Function]