

Thiosulfate Sulfurtransferase Like Domain Containing 1 Recombinant Protein | TSTD1 recombinant protein

Recombinant Human Thiosulfate Sulfurtransferase Like Domain Containing 1

CATALOG # AAA38989	HOST E Coli
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PRODUCT SYNONYMS

Thiosulfate Sulfurtransferase Like Domain Containing 1; Recombinant Human Thiosulfate Sulfurtransferase Like Domain Containing 1; TSTD1 Human; Thiosulfate Sulfurtransferase Like Domain Containing 1 Human Recombinant; Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 1; TSTD1; KAT; TSTD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The TSTD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMAG APTVSLPELR SLLASGRARL FDVRSREEAA AGTIPGALNI PVSELESALQ MEPAAFQALY SAEKPKLEDE HLVFFCQMGK RGLQATQLAR SLGYTGARNY AGAYREWLEK ES
Sequence Length	109
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TSTD1 recombinant protein	Description: TSTD1 Human Recombinant fused with a 20amino acid His tag at N-terminus produced in E Coli is a single, non-glycosylated, polypeptide chain containing 135 amino acids (1-115 a.a.) and having a molecular mass of 14.6kDa. The TSTD1 is purified by proprietary chromatographic techniques. Introduction: Thiosulfate sulfurtransferase like domain containing 1 (TSTD1) is a member of a family of transferases, specifically the sulfurtransferases, which transfer sulfur-containing groups. TSTD1 is localized around the nuclear membranes. TSTD1 is expressed in a number of human tissues, including the kidney, liver, skeletal muscle, heart, colon, thymus, spleen, placenta and lung. TSTD1 may participate in cyanide detoxification, the formation of iron-sulfur proteins, and the modification of sulfur-containing enzymes.
Product Categories/Family for TSTD1 recombinant protein	Enzymes; Transferase

NCBI AND UNIPROT INFORMATION

NCBI GI #	163965371
NCBI GeneID	100131187
NCBI Accession #	NP_001106676.1
NCBI GenBank Nucleotide #	NM_001113205.1

UniProt Accession #	Q8NFU3 ; Q5SY48 ; Q5SY49 ; Q5SY50 ; Q5SY51 ; Q8NFU2 ; Q9BV22
NCBI Official Full Name	thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 1 isoform 3
NCBI Official Synonym Full Names	thiosulfate sulfurtransferase (rhodanese)-like domain containing 1
NCBI Official Symbol	TSTD1
NCBI Official Synonym Symbols	KAT
NCBI Protein Information	thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 1; putative thiosulfate sulfurtransferase KAT; thiosulfate sulfurtransferase KAT, putative
UniProt Protein Name	Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 1
UniProt Gene Name	TSTD1
UniProt Synonym Gene Names	KAT
UniProt Entry Name	TSTD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tstd1-recombinant-protein-e-coli/38989>