

## 32-2870: TSTD1 Recombinant Protein

**Alternative Name :** Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 1, TSTD1, KAT.

### Description

Source : Escherichia Coli. TSTD1 Human Recombinant fused with a 20 amino 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. 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 Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The TSTD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.
<b>Storage condition :</b>	TSTD1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MAGAPT VSLP ELRSLLASGR ARLFDVRSRE EAAAGTIPGA LNIPVSELES ALQMEPAAFQ ALYSAEKPKL EDEHLVFFCQ MGKRGLQATQ LARSLGYTGA RNYAGAYREW LEKES.

