

Thiosulfate Sulfurtransferase Like Domain Containing 1 Human Recom-

Item Number	rAP-1932
Synonyms	Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 1, TSTD1, KAT.
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.
Uniprot Accesion Number	Q8NFU3
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAGAPTVSLP ELRSLLASGR ARLFDVRSRE EAAAGTIPGA LNIPVSE- LES ALQMEPAAFQ ALYSAEKPKL EDEHLVFFCQ MGKRGLQATQ LARSLGYTGA RNYAGAYREW LEKES.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The TSTD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**