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## Product Data Sheet

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Product Name: TSTD3 Human

Cat. No.: GP22334

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Thiosulfate Sulfurtransferase (Rhodanese)-Like DomainContaining 3; Rhodanese Domain-Containing Protein 3; ThiosulfateSulfurtransferase/Rhodanese-Like Domain-Containing Protein 3.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKIEKCG WSEGLTSIKG NCHNFYTAIS KDVTYKELKN LLNSKNIMLI DVREIWEILEYQKIPESINV PLDEVGEALQ MNPRDFKEY NEVKPSKSDS		
Formulation	TSTD3 protein solution (1mg/ml) containing 20mM Tris-HClbuffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

**Introduction**

Thiosulfate Sulfurtransferase Like DomainContaining 3, also known as TSTD3 contains 1 rhodanese domain which is characterized by an active site cysteine residue that has the ability to bindsulfane sulfur and catalyse sulfur transfer.

**Stability**

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.

**Background**

TSTD3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 120 amino acids (1-97 a.a) and having a molecular mass of 13.7kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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