

Recombinant Human thiosulfate sulfurtransferase (rhodanese)-like domain containing 3, His-tagged

Cat. No. TSTD3-238H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TSTD3, 1-97aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-97 a.a.
Description	TSTD3 contains 1 rhodanese domain that is characterized by an active site cysteine residue that is able to bind sulfane sulfur and catalyse sulfur transfer. Recombinant human TSTD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	13.7kDa (120aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMKIEKCG WSEGLTSIKG NCHNFYTAIS KDVTYKELKN LLNSKNIMLI DVREIWEILE YQKIPESINV PLDEVGEALQ MNPRDFKEKY NEVKPSKSDS
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TSTD3 thiosulfate sulfurtransferase (rhodanese)-like domain containing 3 [Homo sapiens (human)]
Official Symbol	TSTD3
Synonyms	TSTD3; thiosulfate sulfurtransferase (rhodanese)-like domain containing 3; thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 3; rhodanese domain-containing protein 3
Gene ID	100130890
mRNA Refseq	NM_001195131
Protein Refseq	NP_001182060
UniProt ID	H0UI37
Chromosome Location	6q16.2