

Recombinant human TSTD3 protein

Catalog Number: ATGP2192

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-97aa

UniProt No.

H0UI37

NCBI Accession No.

NP_001182060

Alternative Names

Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 3, Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 3,

PRODUCT SPECIFICATION

Molecular Weight

13.7 kDa (120aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMKIEKCG WSEGLTSIKG NCHNFYTAIS KDVTYKELKN LLNSKNIMLI DVREIWEILE

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YQKIPESINV PLDEVGEALQ MNPRDFKEY NEVKPSKSDS

General References

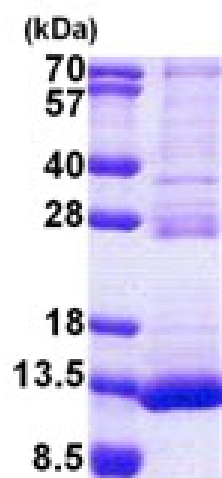
Mungall A.J., Palmer S.A., et al. (2003) Nature 425:805-811

Prat L., et al. (2012) FEBS J. Aug

279(15):2754-67.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)