

本公司提供的电版本说明书仅供参考，实验请以收到的纸质手册为准。

TSTD1, 1-115aa, Human, His tag, E.coli

产品货号: TP04332

第三版

**别名:**Thiosulfate sulfurtransferase like domain containing 1, KAT

**描述:**Thiosulfate sulfurtransferase like domain containing 1, also known as TSTD1, belongs to the family of transferases, specifically the sulfurtransferases, which transfer sulfur-containing groups. The TSTD1 protein is localized around the nuclear membranes. It is expressed in several human tissues, including kidney, liver, skeletal muscle, heart, colon, thymus, spleen, placenta and lung. The TSTD1 protein may play roles in cyanide detoxification, the formation of iron-sulfur proteins, and the modification of sulfur-containing enzymes. Recombinant human TSTD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

**分子量:**14.6 kDa (135aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMAGAPT VSLPELRSLLASGRARLFDVRSREEAAAGTIPGALNIPVSELESALQMEPAAFQA  
LYSAEKPKLEDEHLVFFCQMGRGLQATQLARSLGYTGARNYAGAYREWLEKES

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.