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Thioredoxin 1, 2-109aa, E.coli, His tag, E.coli

产品货号: TP04203

第三版

别名: dasC, fipA, tsnC,

**描述:** Thioredoxin 1 (Trx) is a low molecular weight redox protein. Trx contains a redox active disulfide/dithiol group within the conserved Cys-Gly-Pro-Cys active site. It is involved in the first unique step in DNA synthesis. Trx also provides control over a number of transcription factors affecting cell proliferation and death through a mechanism referred to as redox regulation. Recombinant E.coli TXN 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 10% glycerol, 1mM DTT.

**分子量:** 12.9 kDa (119aa), confirmed by MALDI-TOF

**序列:**

MHHHHHHMGSDKIIHLTDDSFDTDLKADGAILVDFWAEWCGPCKMIAPILDEIADEYQGKLTVAKLNIDQNPGTAPK  
YGIRGIPTLLLFKNGEVAATKVGALSKGQLKEFLDANLA

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Absorbance at 280nm)

**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.