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Thioredoxin-1 Human, Recombinant, E.coli

产品货号: TP04204

第三版

别名:TRX1, TRX2, Thioredoxin-1, Thioredoxin I, TR-I, Thioredoxin-2, Thioredoxin-1, ADF, Surface associated sulphhydryl protein, TXN protein, ATL derived factor, DKFZp686B1993, MGC61975, SASP, Thioredoxin, TRDX, TRX, TRX 1, TXN,

描述:Thioredoxin(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 human thioredoxin-1 was overexpressed in E. coli and purified by using conventional chromatography techniques

配方:Liquid. In Phosphate buffer saline(PBS), pH 7.4

分子量:11.7 kDa (105 aa), confirmed by MALDI-TOF.

序列:

MVKQIESKTAFAQEALDAAGDKLVVDFSATWCGPCKMIKPFHSLSEKYSNVIFLEVDVDDCQDVASECEVKCMPTFQFF
KKGQKVGEGFSGANKEKLEATINELV

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by BCA 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.