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TRXB, 1-321aa, E.coli, E.coli

产品货号: TP04316

第三版

别名: Thioredoxin reductase JW0871, ECK0879, Thioredoxin reductase, FAD/NAD(P)-binding, TRXR.

描述: TRXB(Thioredoxin reductase) is a ubiquitous enzyme which is involved in many cellular processes such as cell growth, p53 activity, and protection against oxidation stress. The mammalian Thioredoxin reductase reduces thioredoxins as well as non-disulfide substrates such as selenite, lipoic acids, lipid hydroperoxides, and hydrogen peroxide. Recombinant E.coli TRXB protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

分子量: 34.6 kDa (321aa), confirmed by MALDI-TOF

序列:

MGTTKHSKLLILGSGPAGYTA AVYAARANLQPVLITGMEKGGQLTTTTEVENWPGDPNDLTGPLL MERMHEHATKFETE
IIFDHINKVDLQNRPFRLNGDNGEYTC DALIIATGASARYLGLPSEEFKGRGVSACATCDGFFYRNQKVAVIGGGNTAVE
EALYLSNIASEVHLIHRRDGFRAEKILIKRLMDKVENGNII LHTNRTLEEVTGDQMGVTVRLRDTQNSDNIESLDVAGLF
VAIGHSPNTAIFEGQLELENGYIKVQSGIHGNATQTSIPGVFAAGDVMDHIYRQAITSAGTGCM AALDAERYLDGLADAK

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.