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TPX, 1-168aa, E.coli, His tag, E.coli

产品货号: TP04297

第三版

别名:Lipid hydroperoxide peroxidase., ECK1320, JW1317, yzzJ

描述:TPX, also known as lipid hydroperoxide peroxidase, is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. This protein may play an important role in thioredoxin peroxidase activity. Recombinant E.coli TPX 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, 2mM DTT, 0.1M NaCl.

分子量:19.9 kDa (188aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSQTVHFQGNPVTVANSIPQAGSKAQTFTLVAKDLSVTLGQFAGKRKVLNIFPSIDTG
VCAASVRKFNQLATEIDNTVVLCSADLPFAQSRFCGAEGLNNVITLSTFRNAEFLQAYGVAIADGPLKGLAARAVVVIDE
NDNVIFSQLVDEITTEPDYEALAVLKA

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.