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PRDX1, 1-199aa, Human, His tagged, Recombinant, E.coli

产品货号: TP03512

第三版

别名: Peroxiredoxin 1, MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2, Thioredoxin peroxidase 2.

描述: PRDX1 is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. This protein is also known to be important to protect red blood cells against reactive oxygen species and in tumor prevention. Recombinant human PRDX1, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 20% glycerol.

分子量: 24 kDa (219 aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSSGNAKIGH PAPNFKATAVMPDGQFKDISLSDYKGYV VFFFYPLDFTFVCPTEIIAFSD
RAEEFKKLNQCQVIGASVDSHFCHLAWVNTPKKQGGLGPMNIPLVSDPKRTIAQDYGV LKADEGISFRGLFIIDDKGILRQI
TVNDLPVGRSVDETLRLVQAFQFTDKHGVEVCPAGWKPGSDTIKPDVQKSKEYFSKQK

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.