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PRDX4, 38-271aa, Human, His tag, E.coli

产品货号: TP03515

第三版

别名: Peroxiredoxin 4, PRX-4, AOE37-2, PRDX4.

描述: PRDX4 is an antioxidant enzyme and belongs to the peroxiredoxin (Prdx, Prx, or TrxPx) family. This protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein regulates the of the transcription factor NF-kappaB in the cytosol by a modulation of I-kappa- B-alpha phosphorylation.

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

分子量: 28.8 kDa (255aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMWETEERPRTRREEECHFYAGGQVYPGEASRVSVADHSLHLSKAKISKPAPYWEGTAVID
GEFKELKLTDIRGKYL VFFFYPLDFTFVCPTETIIAFGDRLEEFRSINTEVVACSVDSQFTHLAWINTPRRQGGLGPIRIPLLSDL
THQISKDYGVYLED SGHTLRGLFIIDDKGILRQITLNDLPVGRSVDETLRLVQAFQYTDKHGEVCPAGWKPGSETIIPDPAG
KLKYFDKLN

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.