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Peroxiredoxin 3, 63-256aa, Human, Recombinant, E.coli

产品货号: TP03353

第三版

别名:Thioredoxin-dependent peroxide reductase, mitochondrial, PRDX3, PRX III, Antioxidant protein 1 (AOP-1).

描述:Peroxiredoxin 3, also known as PRDX3, is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. Peroxiredoxin 3 is specifically localized in mitochondria and believed to play important roles in the regulation of cellular redox status by serving as a primary line of defense against H<sub>2</sub>O<sub>2</sub> produced during respiration.

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

分子量:21.5 kDa (195aa), confirmed by MALDI-TOF

序列:

MPAVTQHAPYFKGTAVVNGEFKDLSDDFKGGKYLVLFFYPLDFTFVCPTEIVAFSDKANEFHVDNCEVVAVSVDSHFSL  
AWINTPRKNGGLGHMNIALLSDLTKQISRDYGVLLLEGSLALRGLFIIDPNGVIKHLVNDLPVGRSVEETLRLVKAFQYVE  
THGEVCPANWTPDSPTIKPSPAASKEYFQKVNQ

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.