

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Peroxiredoxin 6, 1-224 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03355

第三版

别名:1-Cys, aiPLA2, AOP2, NSGPx, p29, PRX.

描述:Peroxiredoxin 6, also known as PRDX6, is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell and can reduce H₂O₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.

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

分子量:27.1 kDa (244aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPGGLLLGDVAPNFEANTTVGRIRFHDFLGDSWGILFSHPDFTPVCTTELGRAAKLAP
EFAKRNVKLIALSIDSVEDHLAWSKDINAYNCEEPTEKLPFPIIDDRNRELAILLGMLDPAEKDEKGMPTARVVFVFGPDK
KLKLSILYPATTGRNFDEILRVVISLQLTAEKRVATPVDWKDGD SVMVLPTIPEEEAKKLFPGVFTKELPSGKKYLRYTPQP

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.