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Peroxiredoxin 2, 1-198 aa, Human, Recombinant, E.coli

产品货号: TP03352

第三版

别名:NKEFB, PRP, PRX2, PRXII, TDPX1, TSA, PRDX2.

描述:Peroxiredoxin 2, also known as PRDX2, is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. Peroxiredoxin 2 may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. If Peroxiredoxin 2 protection is inadequate against peroxidases, the resulting protein and DNA damage may result in neurological disease such as Alzheimer's or DNA damage leading to cancer.

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

分子量:21.8 kDa (198aa), confirmed by MALDI-TOF

序列:

MASGNARIGKPAPDFKATAVVDGAFKEVKLSYKGYVVLFFYPLDFTFVCPTEIIAFSNRAEDFRKLGCEVLGVSVD SQFT
HLAWINTPRKEGGLGPLNIPLPADVTRRLSEYGVLTDEGIAYRGLFIIDGKGVLRQITVNDLPVGRSVDEALRLVQAFQ
YTDEHGEVCPAGWKPGSDTIKPNVDDSKEYFSKHN

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.