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Prdx1, 1-199aa, Mouse, His tag, Baculovirus (Bioactivity Validated)

产品货号: TP03513

第三版

别名: Peroxiredoxin-1, Prdx1, MSP23, NkefA, OSF-3, OSF3, PAG, Paga, Prdx I, prdx1, Prx I, Tdpx2, TDX2, TPxA

描述: Prdx1, also known as peroxiredoxin-1, is an important member of peroxiredoxins (Prdxs) regulating various cellular signaling and differentiation. It confers an aggressive survival phenotype of cancer cells and drug-resistance. This protein is also identified as a red blood cell factor which enhances natural killer (NK) cell activity. Recombinant mouse Prdx1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 23.2kDa (207aa), 18-28kDa (SDS-PAGE under reducing conditions.)

序列:

MSSGNAKIGYPAPNFKATAVMPDGQFKDISLSEYKGGKYVVFYPLDFTFVCPTEIIAFSDRADEFKKLNCQVIGASVDSHF  
CHLAWINTPKKQGGLGPMNIPLISDPKRTIAQDYGVKKADEGISFRGLFIIDDKGILRQITINDLPVGRSVDEIIRLVQAFQFT  
DKHGEVCPAGWKPGSDTIKPDVNKSKEYFSKQKLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.