

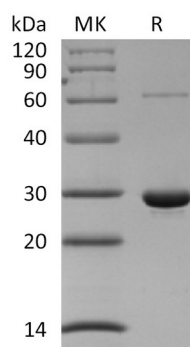
产品名称: Recombinant Human PRDX4 (N-6His)
产品货号: PEH1310



概述 (Summary)

英文全称	Peroxiredoxin-4/PRDX4
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Peroxiredoxin-4 is produced by our E.coli expression system and the target gene encoding Trp38-Asn271 is expressed with a 6His tag at the N-terminus.
Accession #	Q13162
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	28.9 KDa
制剂 (Form)	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Peroxiredoxin-4; Antioxidant Enzyme AOE372; AOE37-2; Peroxiredoxin IV; Prx-IV; Thioredoxin Peroxidase A0372; Thioredoxin-Dependent Peroxide Reductase A0372; PRDX4

背景介绍 (References)

Peroxiredoxin-4 (PRDX4) is a member of the AhpC/TSA family. PRDX4 is a cytoplasmic protein and contains one thioredoxin domain. PRDX4 exists in homodimer or heterodimer with PRDX1. PRDX4 reduces hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. In addition, PRDX4 is probably involved in redox regulation of the cell, regulating the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation.

注意事项 (Note)

For research use only .