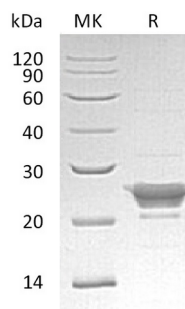


Product Name: Recombinant Human PRDX3
Catalog #: PEH1361

概述 (Summary)

英文全称	PRDX3
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-3 is produced by our E.coli expression system and the target gene encoding Pro63-Gln256 is expressed.
Accession #	P30048
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	21.6 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, pH 8.0.
储存缓冲液 (Buffer)	
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)

分子别名 (Alternative Names)	Thioredoxin-Dependent Peroxide Reductase Mitochondrial; Antioxidant Protein 1; AOP-1; HBC189; Peroxiredoxin III; Prx-III; Peroxiredoxin-3; Protein
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背景介绍 (References)

MER5 homolog; PRDX3; AOP1

Thioredoxin-Dependent Peroxide Reductase Mitochondrial (PRDX3) is an enzyme that belongs to the AhpC/TSA family. Human and mouse PRDX3 genes are highly conserved, and they map to the regions syntenic between mouse and human chromosomes. Human PRDX3 protein has an antioxidant function and is localized in the mitochondrion. PRDX3 is involved in redox regulation of the cell. PRDX3 protects radical-sensitive enzymes from oxidative damage by a radical-generating system. It acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.