

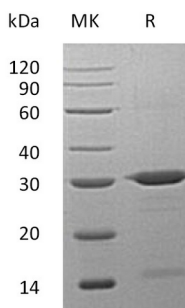
Product Name: Recombinant Human PRDX6 (N-6His)
Catalog #: PEH1308



概述 (Summary)

英文全称	peroxiredoxin 6/PRDX6/AOP2
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-6 is produced by our E.coli expression system and the target gene encoding Met1-Pro224 is expressed with a 6His tag at the N-terminus.
Accession #	P30041
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	27.2 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
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) Peroxiredoxin-6; 1-Cys Peroxiredoxin; 1-Cys PRX; 24 kDa Protein; Acidic

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背景介绍 (References)

Calcium-Independent Phospholipase A2; aiPLA2; Antioxidant Protein 2; Liver 2D PAGE Spot 40; Non-Selenium Glutathione Peroxidase; NSGPx; Red Blood Cells Page Spot 12; PRDX6; AOP2; KIAA0106

Peroxiredoxin 6 belongs to the thiol-specific antioxidant protein family, which is a bifunctional enzyme with two distinct active sites. Peroxiredoxin 6 is involved in redox regulation of the cell and can reduce Hydrogen peroxide and short chain organic, fatty acid, and phospholipid hydroperoxides. Peroxiredoxin 6 may regulates phospholipid turnover and protectes against oxidative injury. Peroxiredoxin 6 eases the oxidative stress and TGF-beta-induced abnormalities of human trabecular meshwork cells, it is necessary for blood vessel integrity in injured skin.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.