abcam

Product datasheet

Recombinant Human Peroxiredoxin 1/PAG (mutated K197R) protein ab95477

画像数 1

製品の詳細

製品名	Recombinant Human Peroxiredoxin 1/PAG (mutated K197R) protein
精製度	> 80 % SDS-PAGE. Affinity purified.
発現系	Baculovirus infected Sf9 cells
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
修飾	mutated K197R

特性

Our **Abpromise guarantee** covers the use of **ab95477** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
製品の状態	Liquid

前処理および保存

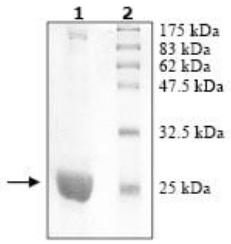
保存方法および安定性	Shipped on Dry Ice. Store at -80°C. pH: 8.00 Constituents: 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

関連情報

機能	Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system but not from glutaredoxin. May play an important role in eliminating peroxides generated during metabolism. Might participate in the signaling cascades of growth

	factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H(2)O(2). Reduces an intramolecular disulfide bond in GDPD5 that gates the ability to GDPD5 to drive postmitotic motor neuron differentiation.
配列類似性	Belongs to the ahpC/TSA family. Contains 1 thioredoxin domain.
翻訳後修飾	Phosphorylated on Thr-90 during the M-phase, which leads to a more than 80% decrease in enzymatic activity.
細胞内局在	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

画像



SDS-PAGE - Recombinant Human Peroxiredoxin 1/PAG (mutated K197R) protein (ab95477)

14% SDS-PAGE analysis

Lane 1: 20µg ab95477

Lane 2: Molecular Weight markers

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