Datasheet for ABIN667730

Peroxiredoxin 2 Protein (PRDX2) (AA 1-198)

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Overview

Quantity:	100 µg
Target:	Peroxiredoxin 2 (PRDX2)
Protein Characteristics:	AA 1-198
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Peroxiredoxin 2, 1-198 aa, Human, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Peroxiredoxin 2 (PRDX2)
Alternative Name:	Peroxiredoxin 2 (PRDX2 Products)
Background:	Peroxiredoxin 2, also known as PRDX2, is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. Peroxiredoxin 2 may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. If Peroxiredoxin 2 protection is inadequate against peroxidases, the resulting protein and DNA damage may result in neurological disease such as Alzheimer's or DNA damage leading to cancer. Recombinant human Peroxiredoxin 2 protein was expressed in E.coli and purified by

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Target Details

	using conventional chromatography. Synonyms: NKEFB, PRP, PRX2, PRXII, TDPX1, TSA, PRDX2, Peroxiredoxin 2, MGC4104, Natural killer cell enhancing factor B, Natural Killer Enhancing Factor B, NKEF B, PRDX 2, TDPX1, Thiol Specific Antioxidant 1, Thiol specific antioxidant protein, Thioredoxin Dependent Peroxide Reductase 1, Thioredoxin Peroxidase 1, Torin. NCBI no.: NP_005800
Molecular Weight:	21.8 kDa (198aa), confirmed by MALDI-TOF.

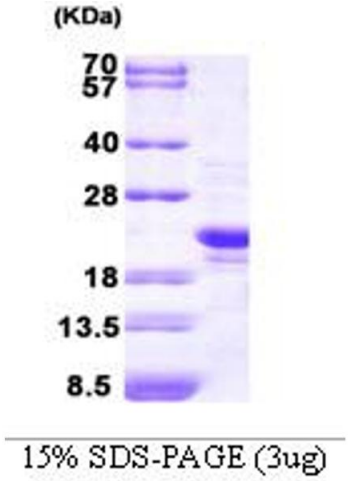
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.

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