

Peroxiredoxin-2

Catalog No: #AP78821

Package Size: #AP78821-1 50ug #AP78821-2 100ug #AP78821-3 1mg

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Description

Product Name	Peroxiredoxin-2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Bovine
Immunogen Description	7-165AA
Other Names	null
Accession No.	Q9BG13Gene name:PRDX2
Uniprot	Q9BG13
GeneID	286793;
Calculated MW	17.49
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system. It is not able to receive electrons 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 H₂O₂.

References

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Note: This product is for in vitro research use only