

Rat PRDX2 Recombinant Protein



RPPB2178

Product Information Protein Information

Product SKU:

RPPB2178

Accession:

P35704

Host:

Escherichia Coli.

Protein description:

PRDX2 Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 222 amino acids (1-198 a.a) and having a molecular mass of 24.3kDa. PRDX2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Peroxiredoxin-2, Prdx2, Prdx, Thiol-specific antioxidant protein, TSA, Thioredoxin peroxidase 1, Thioredoxin-dependent peroxide reductase 1.

Formulation:

PRDX2 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4), 10% glycerol and 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSHTMASGNA HIGKPAPDFT GTAVVDGAFK EIKLSDYRGK YVWFFYPLD
FTFVCPTEII AFSHAEDFR KLGCEVLGVS VDSQFTHLAW INTPRKEGGL GPLNIPLAD VTKSLSQNYG
VLKNDEGIAY RGLFIIDAKG VLRQITVNDL PVGRSVDEAL RLVQAFQYTD EHGEVCPAGW KPGSDTIKPN
VDDSKYFSK HN.