

# Recombinant Human Peroxiredoxin 6/PRDX6 Protein (His Tag)

RPES1679

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES1679

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 100µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** Please contact us for more information.

**Synonyms:** 1-Cys PRX, 1-Cys Peroxiredoxin, 24 kDa Protein, AOP2, Acidic Calcium-Independent Phospholipase A2, Antioxidant Protein 2, KIAA0106, Liver 2D PAGE Spot 40, NSGPx, Non-Selenium Glutathione Peroxidase, PRDX6, Peroxiredoxin-6, Red Blood Cells Page Spot 12, aiPLA2, p29

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-His

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Calculated MW:** 26.5 kDa

**Formulation:** Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 26.5 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Accession:** P30041

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Source:** E.coli-derived Human Peroxiredoxin 6/PRDX6 protein Met 1-Pro 224, with an N- terminal His

**Sequence:** Met 1-Pro 224

**Form:** Lyophilized powder

this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.