

Human Peroxiredoxin 6 protein, His tag (active)

Cat. No. GTX67109-pro

Applications Functional Assay**Species** Human**Package**

100 µg

Applications

Application Note

Specific activity is > 2000 pmol/min/µg. Enzymatic activity is defined as the amount of hydroperoxide that 1µg of enzyme can reduce at 25°C for 1 minute.

Properties

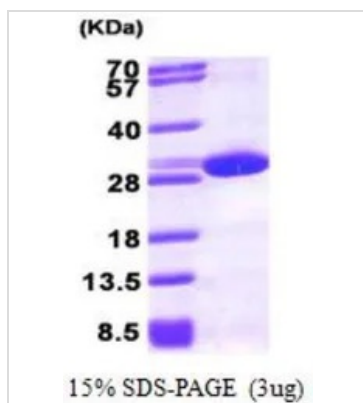
Form Liquid**Buffer** 20mM Tris-HCl, 20% Glycerol**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

Full length protein, N-terminal His-Tag; Length: 244 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MPGGLLGADV
APNFEANTTV GRIRFHDFLG DSWGILFHP RDFTPVCTTE LGRAAKLAPE FAKRNVKLIASIDSVEDHL AWSKDINAYN CEEPTEKLFP
PIIDDRNREL AILLGMLDPA EKDEKGMPVT ARVVFVFGPD KKLKLSILYP ATTGRNFDEI LRWISLQLT AEKRVATPVD
WKDGDSVMVL PTIPEEEAKK LFPKGVFTKE LPSGKKYLRYP TPQP

Expression System E. coli**Purity** > 95% by SDS-PAGE.**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX67109-pro Image

3 μ g of GTX67109-pro Human Peroxiredoxin 6 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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