



Recombinant Chicken Peroxiredoxin-6 (PRDX6)

Product Code	CSB-YP736570CH
Abbreviation	PRDX6
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.</p>
Uniprot No.	Q5ZJF4
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	≥85% (SDS-PAGE)
Sequence	PGLLLGDEA PNFEADTTQG GIRFHDFLGD SWGILFSHPR DFTPVCTTEL GRAAKLAPEF SKRNVKMIAL SIDSVPDHLA WSKDINAYNG DQPVEKLPFP IIADKDRELA VKLGMLDPDE RDKDGMPLTA RVVFIFGPKL KLKLSILYPA TTGRNFDEIL RVVDSLQLTA YKKVATPVDW KCGDSVMVVP TLPDEEAKKL FPKGVTKDL PSGKKYLRYS PQPE
Source	Yeast
Target Names	PRDX6
Protein Names	Recommended name: Peroxiredoxin-6 EC= 1.11.1.15
Expression Region	2-224
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	<p>This protein is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H₂O₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.</p>
Reconstitution	<p>We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.</p>
Shelf Life	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.</p>