



Recombinant *Cricetulus griseus* Peroxiredoxin-1 (PRDX1)

Product Code	CSB-BP872876DXU
Abbreviation	PRDX1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.
Uniprot No.	Q9JKY1
Product Type	Recombinant Protein
Immunogen Species	<i>Cricetulus griseus</i> (Chinese hamster) (<i>Cricetulus barabensis griseus</i>)
Purity	>85% (SDS-PAGE)
Sequence	SSGNAKIGY PPNFKATAV MPDGQFRDIC LSEYRGKYVV FFFYPLDFTF VCPTEIIAFS DRAEEFKKLN CQVIGASVDS HFCHLAWINT PKKQGGLGPM NIPLVSDPKR TIAQDYGVK ADEGISFRGL FIIDDKGILR QITINDLPVG RSVDEILRLV QAFQFTDKHG EVCPAGWKPG SDTIKPDVQK SKEYFSKQK
Source	Baculovirus
Target Names	PRDX1
Protein Names	Recommended name: Peroxiredoxin-1 EC= 1.11.1.15 Alternative name(s): Thioredoxin peroxidase 2 Short name= TPX-2
Expression Region	2-199
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
Reconstitution	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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.