



Recombinant *Oryza sativa* subsp. *japonica* 1-Cys peroxiredoxin B (Os07g0638400, LOC_Os07g44440)

Product Code	CSB-EP315049OFG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C5D1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MPGLTLGDVV PDLELDTTHG KIRLHDFVGD AYVIIFSHPA DFTPVCTTEL SEMAGYAGEF DKRGVLLGF SCDDVESHKD WIKDIEAYKP GRRVGFPIVA DPDREAIRQL NMIDAEKDT AGGELPNRAL HIVGPDKKVK LSFLFPACTG RNMAEVL RAT DALLTAARHR VATPVNWKPG ERVVIPPGVS DEEAKARFPA GFETAQLPSN KCYLRFTQVD
Source	<i>E.coli</i>
Target Names	Os07g0638400
Protein Names	Recommended name: 1-Cys peroxiredoxin B Short name= 1-Cys Prx B EC= 1.11.1.15 Alternative name(s): Thioredoxin peroxidase B
Expression Region	1-220
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 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.