



# Recombinant *Oryza sativa* subsp. *japonica* 1-Cys peroxiredoxin B (Os07g0638400, LOC\_Os07g44440)

<b>Product Code</b>	CSB-EP315049OFG-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P0C5D1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPGLTLGDVV PDLELDTTHG KIRLHDFVGD AYVIIFSHPA DFTPVCTTEL SEMAGYAGEF DKRGVKLLGF SCDDVESHKD WIKDIEAYKP GRRVGFPIVA DPDREAIRQL NMIDAEKDT AGGELPNRAL HIVGPKKKV LSFLFPACTG RNMAEVL RAT DALLTAARHR VATPVNWKPG ERVVIPPGVS DEEAKARFPA GFETAQLPSN KCYLRFTQVD
<b>Source</b>	<i>E. coli</i>
<b>Target Names</b>	Os07g0638400
<b>Protein Names</b>	Recommended name: 1-Cys peroxiredoxin B Short name= 1-Cys Prx B EC= 1.11.1.15 Alternative name(s): Thioredoxin peroxidase B
<b>Expression Region</b>	1-220
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.