



Recombinant *Oryza sativa* subsp. *japonica* 2-Cys peroxiredoxin BAS1, chloroplastic (BAS1)

Product Code	CSB-BP718832OFG
Abbreviation	BAS1
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.	Q6ER94
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AGGVDDAPLV GNKAPDFDAE AVFDQEFINV KLSDYIGKKY VILFFYPLDF TFVCPTEITA FSDRYDEFEK LNTEILGVS I DSVFSLAWV QTDRKSGGLG DLKYPLISDV TKSISKSGV LIPDQGIALR GLFIIDKEGV IQHSTINNLA IGRSVDETMR TLQALQYVQD NPDEVCPAGW KPGDKSMKPD PKGSKEYFAA I
Source	Baculovirus
Target Names	BAS1
Protein Names	Recommended name: 2-Cys peroxiredoxin BAS1, chloroplastic EC= 1.11.1.15 Alternative name(s): Thiol-specific antioxidant protein
Expression Region	61-261
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.