



Recombinant Arabidopsis thaliana Peroxioredoxin-2E, chloroplastic (PRXIIE)

Product Code	CSB-EP853209DOA
Abbreviation	PRXIIE
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.	Q949U7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	ASISVGDKLP DSTLSYLDPS TGDVKTVTVS SLTAGKKTIL FAVPGAFTPT CSQKHVPGFV SKAGELRSKG IDVIACISVN DAFVMEAWRK DLGINDEVML LSDGNGEFTG KLGVELDLRD KPVGLGVRSR RYAILADDGV VKVLNLEEGG AFTNSSAEDM LKAL
Source	E.coli
Target Names	PRXIIE
Protein Names	Recommended name: Peroxioredoxin-2E, chloroplastic EC= 1.11.1.15 Alternative name(s): Peroxioredoxin IIE Thioredoxin reductase 2E
Expression Region	71-234
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.