



Recombinant *Oryza sativa* subsp. *japonica* Monothiol glutaredoxin-S12, chloroplastic (GRXS12)

Product Code	CSB-YP648511OFG
Abbreviation	GRXS12
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.	Q2QX01
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AFTKL SEASPVAIPP EPAQPLPDEE ALPPKPGVYG VYDPAGELQF VGISRNVRAS VEGHRRKVPA DLGGSVKVSI ADEETPDRTV LTNAWKSWLE EHITATGKAP PGNVAGNHTW VGPPQRPPDL RLTPGRHVQL TVPLEQLIDR LVKDNKVVAF IKGSR SAPQC GFSQRVVGIL ESHGVDFVTV DVLDEEHNHG LRETLKTYSN WPTFPQV FVG GELVGGCDIV SSMAEKGELA ALFKK
Source	Yeast
Target Names	GRXS12
Protein Names	Recommended name: Monothiol glutaredoxin-S12, chloroplastic
Expression Region	46-285
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.