



Recombinant *Oryza sativa* subsp. *japonica* Glutamyl-tRNA reductase, chloroplastic (Os10g0502400, LOC_Os10g35840)

Product Code	CSB-EP313603OFG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C587
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	<p>CD AGVEAQAQAA AVAKAASVAA LEQFKISADR YMKERSSIAV IGLSVHTAPV EMREKLAVAE ELWPRAISEL TSLNHIEEAA VLSTCNRMEI YVVALSWNRG IREVVDWMSK KSGIPASELR EHLFMLRDS ATRHLFEVSA GLDSLVLGEG QILAQVKQVV RSGQNSGGLG KNIDRMFKDA ITAGKRVRC TNISSGAVSV SSAAVELALM KLPKSECLSA RMLLIGAGKM GKLVVKHLIA KGCKKVVVVN RSVERVDAIR EEMKDIEIVY RPLTEMYEAA AEADVFTST ASETPLFTKE HAEALPAISD AMGGVRLFVD ISVPRNVSAC VSEVG HARVY NVDDLKEVVE ANKEDRLRKA MEAQTITQE LKRFEAWRDS LETVPTIKKL RSYADRIRAS ELEKCLQKIG EDALTKKMRR SIEELSTGIV NKLLHGPLQH LRCDGSDSRT LDETLENMHA LNRMFSLDTE KAIIEQKIKI KVEKSQN</p>
Source	E.coli
Target Names	Os10g0502400
Protein Names	Recommended name: Glutamyl-tRNA reductase, chloroplastic Short name= GluTR EC= 1.2.1.70
Expression Region	49-537
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.