



Recombinant *Hordeum vulgare* Glutamyl-tRNA reductase 1, chloroplastic (HEMA1)

Product Code	CSB-YP671476HWQ
Abbreviation	HEMA1
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.	Q42843
Product Type	Recombinant Protein
Immunogen Species	<i>Hordeum vulgare</i> (Barley)
Purity	>85% (SDS-PAGE)
Sequence	DAGGDAQ AASKAASITA LEQFKISADR YMKEKSSIAV IGLSVHTAPV EMREKLAVAE ELWPRAISEL TSLNHIEEAA VLSTCNRMEI YVVALSWNRG IREVVDWMSK KSGIPASELR EHLFMLRDS ATRHLFEVSA GLDSLVLGEG QILAQVKQVV RNGQNSGGLG KNIDRMFKDA ITAGKRVRC E TNISAGAVSV SSAAVELAMM KLPKSECLSA RMLLIGAGKM GKL VVKHLIA KGCKKVVVVN RSVERVDAIR EEMKDIEIVY RPLTEMYEAA ADADVFTST ASELLFTKE HAEVLPPISL AMGGVRLFVD ISVPRNVGAC LSEVEHARVY NVDDLKEVVE ANKEDRVRKA MEAQTIITQE LKRFEAWRDS LETVPTIKKL RSYADRIRAS ELEKCLQKIG EDNLNKKMRR SIEELSTGIV NKLLHGPLQH LRCDGSDSRT LDETLENMHA LNRMFSLDTE KAVLEQKIKI KVEKTQS
Source	Yeast
Target Names	HEMA1
Protein Names	Recommended name: Glutamyl-tRNA reductase 1, chloroplastic Short name= GluTR EC= 1.2.1.70
Expression Region	44-527
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.