



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

<b>Product Code</b>	CSB-MP671476HWQ
<b>Abbreviation</b>	HEMA1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q42843
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Hordeum vulgare</i> (Barley)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 HAEVLPPI SL AMGGVRLFVD ISVPRNVGAC LSEVEHARVY NVDDLKEVVE ANKEDRV RKA MEAQTIITQE LKRFEAWRDS LETVPTIKKL RSYADRIRAS ELEKCLQKIG EDNLNKKMRR SIEELSTGIV NKLLHGPLQH LRCDGSDSRT LDETLENMHA LNRMFSLDTE KAVLEQKIK A KVEKTQS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	HEMA1
<b>Protein Names</b>	Recommended name: Glutamyl-tRNA reductase 1, chloroplastic Short name= GluTR EC= 1.2.1.70
<b>Expression Region</b>	44-527
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.