



Recombinant *Oryza sativa* subsp. japonica Heme oxygenase 1, chloroplastic (HO1)

Product Code	CSB-EP731673OFG-B
Abbreviation	HO1
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.	Q69XJ4
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	AAATAA EMAPAASGEE GKPFVEEMRA VAMRLHTKDQ AKEGEKEPQA PPVARWEPSV DGYLRFLVDS KLVFETLETI VDRAAVPWYA EFRNTGLERS EQLKKDLEWF KEQGHTIPEP SAPGTTYASY LEELA EKDSQ AFICHFYNVY FAHTAGGRMI GKKVSENILN KKELEFYKWE GNLSQLLQNV RNKLNEVASS WTREEKDHCL DETEKSFSYS GDLLRHIFT
Source	E.coli
Target Names	HO1
Protein Names	Recommended name: Heme oxygenase 1, chloroplastic EC= 1.14.99.3 Alternative name(s): Protein PHOTOPERIODIC SENSITIVITY 5
Expression Region	65-289
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.