



Recombinant *Oryza sativa* subsp. japonica Delta-aminolevulinic acid dehydratase, chloroplastic (HEMB)

Product Code	CSB-EP733510OFG-B
Abbreviation	HEMB
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.	Q5Z8V9
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	VSSEQ EAAPAVRAPS GRTIEECEAD AVAGRFPAPP PLVRPKAPEG TPQIRPLDLT KRPRRNRSP ALRAAFQETT ISPANLVLPL FIHEGEDDAP IGAMPGCYRL GWRHGLLDEV YKSRDVGVNS FVLFPKVPDA LKSQSGDEAY NDNGLVPRTI RLLKDKFPDI VVYTDVALDP YSSDGHGIV REDGVIMNDE TVYQLCKQAV SQARAGADV VSPDMMDGRV GAIRAALDAE GFHDVSIMSY TAKYASSFYG PFREALDSP RFGDKKTYQM NPANYREALL ETAADAEAGA DILLVKPGLP YLDVIRLLRD NSALPIAAYQ VSGEYSMIKA GGALNMIDEE KVMMESLMCL RRAGADIILT YFARQAANVL CGMRSN
Source	E.coli
Target Names	HEMB
Protein Names	Recommended name: Delta-aminolevulinic acid dehydratase, chloroplastic Short name= ALADH EC= 4.2.1.24 Alternative name(s): Porphobilinogen synthase
Expression Region	46-426
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.



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