



Recombinant Delta-aminolevulinic acid dehydratase (hemB)

Product Code	CSB-EP001558SZB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0ACB3
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	<pre>TDLIQRPRR LRKSPALRAM FEETTLSLND LVLPIFVEEE IDDYKAVEAM PGVMRIPEKH LAREIERIAN AGIRSVMTFG ISHHTDETGS DAWREDGLVA RMSRICKQTV PEMIVMSDTC FCEYTSHGHC GVLCEHGVDN DATLENLGKQ AVVAAAAGAD FIAPSAAMDG QVQAIRQALD AAGFKDTAIM SYSTKFASSF YGPFREAAAGS ALKGDRKSYQ MNPMNRREAI RESLLDEAQQ ADCLMVKPKG AYLDIVRELR ERTELPIGAY QVSGEYAMIK FAALAGAIDE EKVVLESLGS IKRAGADLIF SYFALDLAEK KILR</pre>
Source	E.coli
Target Names	hemB
Protein Names	Recommended name: Delta-aminolevulinic acid dehydratase Short name= ALAD Short name= ALADH EC= 4.2.1.24 Alternative name(s): Porphobilinogen synthase
Expression Region	2-324
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.