



Recombinant *Pseudomonas aeruginosa* Ferrochelatase (hemH)

Product Code	CSB-MP008579PZL
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A6VC51
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas aeruginosa</i> (strain PA7)
Purity	>85% (SDS-PAGE)
Sequence	MTENALLLLN LGSPDSTRVE DVRRYLDQFL MDPYVVDLPW PLRRLLVSLI LVKRPAESAH AYSSIWWDEG SPLIVLSRRL QEAIKPHWPH GPVELAMRYG QPAIEKVLLD LARRGIRRV T LAPLYPQFAD STTTTAEQEV RRVIAAHRLE LEVSTLPPFY DQPVYLDALV ESVHPYLQQP HDHLLLSFHG LPERHIRKLV KDPAMDLLAE SSRNVSPEAL ALCYRSQCLR TAEFAERAG LEQGRWSVSF QSRLGRAKWI EPYTDAKLDE LVQRGVKRLL VMCPAFVADC IETLEEIGMR GREQFISAGG EDLVLIPCLN DHPAWVGALA DMSGRLARPL
Source	Mammalian cell
Target Names	hemH
Protein Names	Recommended name: Ferrochelatase EC= 4.99.1.1 Alternative name(s): Heme synthase Protoheme ferro-lyase
Expression Region	1-340
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 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.