



Recombinant *Bacillus clausii* Ferrochelatase (hemH)

Product Code	CSB-EP736265BAAC-B
Abbreviation	hemH
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.	Q5WHT1
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MEKKKIGLLV MAYGTPRKKE EIEPYYYTHIR HGRKPSEEAL ADLQERYEAI GGTSPLARIT DEQANGLAAV LNEQQEDIVF VPYLGLKHID PFIEDAVQKM KNDGIETAVS IVLAPHFSTF SVQSYNKRAQ EEADRIGGPT IYTIESWYKE PGFLQFWKEQ IENEMKKADS IDDLCVIFSA HSLPEKIIQA NDPYPEQLRE TADLLADMAN VPNYEIGWQS EGNTPEPWLG PDVQDLTREL YAKKGYKTFM YCPVGFAEH LEVLYDNDYE CKLVTDELGV RYLRPMPNA DTRFLKALAD VVTKRLAAVV TK
Source	<i>E.coli</i>
Target Names	hemH
Protein Names	Recommended name: Ferrochelatase EC= 4.99.1.1 Alternative name(s): Heme synthase Protoheme ferro-lyase
Expression Region	1-312
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.