



Recombinant Escherichia coli O7:K1 Ferrochelatase (hemH)

Product Code	CSB-EP008579EON-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7NIF5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MRQTKTGILL ANLGTPDAPT PEAVKRYLKQ FLSDRRVVDV SROLLWWPLLR GVILPLRSPR VAKLYASVWM EGGSPLMVYS RQQQQALAQR LPETPVALGM SYGSPSLESA VDELLAEHVD HIVVLPLYPQ FSCSTVGAVW DELARILARK RSIPGISFIR DYADNHDIYIN ALANSVRASF AKHGEPDLLL LSYHGIPQRY ADEGDDYPQR CRTTTRELAS ALGMAPEKVM MTFQSRFGRE PWLMPYTDDET LKMLGEKGVG HIQVMCPGFA ADCLETLEEI AEQNREVFLG AGGKKYEYIP ALNATPEHIE MMANLVAAAYR
Source	E.coli
Target Names	hemH
Protein Names	Recommended name: Ferrochelatase EC= 4.99.1.1 Alternative name(s): Heme synthase Protoheme ferro-lyase
Expression Region	1-320
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.