



Recombinant *Methylococcus capsulatus* Ferrochelatase (hemH)

Product Code	CSB-BP723345MFM
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.	Q607T4
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MHPTAARTGV LLINLGTPEA PTPKAVRRYL REFLSDPRVV EIPRVLWWPI LNLVLRTRS RKSAHAYRTI WTERGSPLLA YTQDLRDRLA ADGRFAAVEI AMRYGNPSVR LKLEELRNRV ETIVVLPLYP QYSAATTGSA FDAVCDTLKT WRHIPSLHFI GDYHRSPKYL EAVAASIRSF WQEHGRPERL VFSFHGLPKC CIDRGDPYAS QCQATAQGIA RLELSDDDEW LLTYQSRFGR AEWLRPYCID TLRELPSQGI RHVDVVC PGF AVDCLETLEE IAIANRNEFL GAGGKNRYRI PALNASPAHA DILIGLLEPY LALTA
Source	Baculovirus
Target Names	hemH
Protein Names	Recommended name: Ferrochelatase EC= 4.99.1.1 Alternative name(s): Heme synthase Protoheme ferro-lyase
Expression Region	1-325
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.