



# Recombinant *Methylococcus capsulatus* Ferrochelatase (hemH)

<b>Product Code</b>	CSB-YP723345MFM
<b>Abbreviation</b>	hemH
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q607T4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 GAGGKNRYI PALNASPAHA DILIGLLEPY LALTA
<b>Source</b>	Yeast
<b>Target Names</b>	hemH
<b>Protein Names</b>	Recommended name: Ferrochelatase EC= 4.99.1.1 Alternative name(s): Heme synthase Protoheme ferro-lyase
<b>Expression Region</b>	1-325
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.