



Recombinant Escherichia coli Hydroxylamine reductase (hcp)

Product Code	CSB-EP513344ENU-B
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.	C4ZY45
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MFCVQCEQTI RTPAGNGCSY AQQMCGKTAE TSDLQDLLIA ALQGLSAWAV KAREYGIINH DVDSFAPRAF FSTLTNVNFD SPRIVGYARE AIALREALKA QCLAVDANAR VDNPMADLQL VSDDLGE LQR QAAEFTPNKD KAAIGENILG LRLLCYGLK GAAAYMEHAH VLGQYDNDIY AQYHKIMAWL GTWPADMNAL LECSMEIGQM NFKVMSILDA GETGKYGHPT PTQVNVKATA GKCILISGHD LKDLYNLLEQ TEGTGVNVYT HGEMLPAGHY PELRKFKHLV GNYGSGWQNG QVEFARFPGP IVMTSNCIID PTVGAYDDRI WTRSIVGWPG VRHLDGDDFS AVITQAQQMA GFPYSEIPHL ITVGFG RQTL LGAADTLIDL VSREKLRHIF LLGGCDGARG ERHYFTDFAT SVPDDCLILT LACGKYRFNK LEFGDIEGLP RLVDAGQCND AYSAILAVT LAEKLGCNVN DLPLSLVLSW FEQKAIVILL TLLSLGVKNI VTGPTAPGFL TPDLLAVLNE KFGLRSITTV EEDMKQLLSA
Source	E.coli
Target Names	hcp
Protein Names	Recommended name: Hydroxylamine reductase EC= 1.7.-.- Alternative name(s): Hybrid-cluster protein Short name= HCP
Expression Region	1-550
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.