



# Recombinant Escherichia coli O157:H7 Hydroxylamine reductase (hcp)

<b>Product Code</b>	CSB-YP481166EOE
<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>	B5YSG9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7 (strain EC4115 / EHEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MFCVQCEQTI RTPAGNGCSY AQQMCGKTAE TSDLQDLLIA ALQGLSAWAV KAREYGIINH DVDSFAPRAF FSTLTNVNFD SPRIVGYARE AIALREALKA QCLAVDANAR VDNPMADLQL VSDDLGE LQR QAAEFTPNKD KAAIGENILG LRLCLYGLK GAAAYMEHAH VLGQYDNDIY AQYHKIMAWL GTWPADMNAL LECSMEIGQM NFKVMSILDA GETGKYGHPT PTQVNVKATA GKCILISGHD LKDLYNLLEQ TEGTGVNVYT HGEMLPAGHY PELRKFKHLV GNYGSGWQNQ QVEFARFPGP IVMTSNCIID PTVGAYDDRI WTRSIVGWPG VRHLDGEDFS AVIAQAQQMA GFPYSEIPHL ITVGFG RQTL LGAADTLIDL VSREKLRHIF LLGGCDGARG ERHYFTDFAT SVPDDCLILT LACGKYRFNK LEFGDIEGLP RLVDAGQCND AYSAILAVT LAEKLGCNVN DLPLSLVLSW FEQKAIVILL TLLSLGVKNI VTGPTAPGFL TPDLLAVLNE KFGLRSITTV EEDMKQLLSA
<b>Source</b>	Yeast
<b>Target Names</b>	hcp
<b>Protein Names</b>	Recommended name: Hydroxylamine reductase EC= 1.7.-.- Alternative name(s): Hybrid-cluster protein Short name= HCP
<b>Expression Region</b>	1-550
<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.