



Recombinant Hydroxylamine reductase (hcp)

Product Code	CSB-EP372199EJE-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.	A1A9B1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O1:K1 / APEC
Purity	>85% (SDS-PAGE)
Sequence	MIMFCVQCEQ TIRTPAGNGC SYAQGMCGKT AETSDLQDLL IAALQGLSAW AVKAREYGII NHDVDSFAPR AFFSTLTNVN FDSPRIVGYA REAIALREAL KAQCLAVDAN ARVDNPMADL QLVSDDLGEL QRQAAEFTPN KDKAAIGENI LGLRLLCLYG LKGAAAYMEH AHVLGQYDND IYAQYHKIMA WLGTWPADMN ALLECSMEIG QMNFKVMSIL DAGETGKYGH PTPTQVNVKA TAGKCILISG HDLKDLYNLL EQTEGTGVNV YTHGEMLP AH GYPELRKFKH LVGNYGSGWQ NQQVEFARFP GPIVMTSNCI IDPTVGAYDD RIWTRSIVGW PGVRHLDGED FSAVIAQAQQ MAGFPYSEIP HLITVGFGRQ TLLGAADTLI DLVSREKLRH IFLLGGCDGA RGERHYFTDF ATSVPDDCLI LTLACGKYRF NKLEFGDIEG LPRLVDAGQC NDAYSAILA VTLAEKLGCG VNDLPLSLVL SWFEQKAIVI LLTLLSLGVK NIVTGPTAPG FLTPDLLAVL NEKFGLRSIT TVEEDMKQLL SA
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	1-552
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.