



Recombinant Escherichia coli Blue copper oxidase CueO (cueO)

Product Code	CSB-MP339713ENV
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.	P36649
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	AE RPTLPIPDLL TTDARNRIQL TIGAGQSTFG GKTATTWGYN GNLLGPAVKL QRGKAVTVDI YNQLTEETTL HWHGLEVPGE VDGPPQGIIP PGGKRSVTLN VDQPAATCWF HPHQHGKTGR QVAMGLAGLV VIEDDEILKL MLPKQWGIDD VPVIVQDKKF SADGQIDYQL DVMTAAVGWF GDTLLTNGAI YPQHAAPRGW LRLRLLNGCN ARSLNFATSD NRPLYVIASD GGLLPEPVKV SELPVL MGER FEVLVEVNDN KPFDLVTLPV SQMGMAIAPF DKPHPVMRIQ PIAISASGAL PDTLSSLPAL PSLEGLTVRK LQLSMDPMLD MMGMQMLMEK YGDQAMAGMD HSQMMGHMGMH GNMNHMNHGG KFDFHHANKI NGQAFDMNKP MFAAAKGQYE RWVISGVGDM MLHPFHIIHGT QFRILSENGK PPAAHRAGWK DTVKVEGNVS EVLVKFNHDA PKEHAYMAHC HLLHEHDTGM MLGFTV
Source	Mammalian cell
Target Names	cueO
Protein Names	Recommended name: Blue copper oxidase CueO Alternative name(s): Copper efflux oxidase
Expression Region	29-516
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 of Mature 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.