



Recombinant Escherichia coli O157:H7 Multicopper oxidase CueO (cueO)

Product Code	CSB-BP855560EOD
Abbreviation	cueO
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.	Q8X947
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	AE RPTLPIPDLL TTDARNRIQL TIGAGQSTFG EKTATTWGYN GNLLGPAVKL QRGKAVTVDI YNQLTEETTL HWHGLEVPGE VDGPPQGIIP PGGKRSVTLN VDQPAATCWF HPHQHGTGR QVAMGLAGLV VIEDDEILKL MLPKQWGIDD VPVIVQDKKF SADGQIDYQL DVMTAAVGWF GDTLLTNGAI YPQHAAPRGW LRLRLLNGCN ARSLNFATSD NRPLYVIASD GLLPEPVKV NELPVLNGER FEVLVEVNDN KPFDLVTLPV SQMGMAIAPF DKPHPVMRIQ PIAISASGAL PDTLSSLPAL PSLEGLTVRK LQLSMDPMLD MMGMQMLMEK YGDQAMVGMD HSQMMGHMGG GNMNHNHGG KDFDHHANKI NGQAFDMNKP MFAAAKGQYE RWVISGVGDM MLHPFHIGT QFRILSENGK PPAAHRAGWK DTVKVEGNVS EVLVKFNHDA PKERAYMAHC HLLHEHDTGM MLGFTV
Source	Baculovirus
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

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