



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

<b>Product Code</b>	CSB-EP855560EOD-B
<b>Abbreviation</b>	cueO
<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>	Q8X947
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 KFDFFHANKI NGQAFDMNKP MFAAAKGQYE RWVISGVGDM MLHPFHIHGT QFRILSENGK PPAAHRAGWK DTVKVEGNVS EVLVKFNHDA PKERAYMAHC HLLHEHDTGM MLGFTV
<b>Source</b>	E.coli
<b>Target Names</b>	cueO
<b>Protein Names</b>	Recommended name: Blue copper oxidase CueO Alternative name(s): Copper efflux oxidase
<b>Expression Region</b>	29-516
<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 of Mature 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.



## 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.