Recombinant Escherichia coli cueO Protein, His-tagged

Cat. No. cueO-20E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli cueO Protein, fused to His-tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
Description	CueO multicopper oxidase is a copper-stimulated phenoloxidase and ferroxidase that plays a role in copper homeostasis during aerobiosis .
Form	Supplied as a 0.2 μm filtered solution in PBS, pH8.0.
Molecular Mass	~58.7KDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMQRRDFLKYSVALGVASALPLWSRAVFAAERPTLPI PDLLTTDARNRIQLTIGAGQSTFGGKTATTWGYNGNLLGPAVKLQRGKAVTVDIYNQ LTEETTLHWHGLEVPGEVDGGPQGIIPPGGKRSVTLNVDQPAATCWFHPHQHGKT GRQVAMGLAGLVVIEDDEILKLMLPKQWGIDDVPVIVQDKKFSADGQIDYQLDVMTA AVGWFGDTLLTNGAIYPQHAAPRGWLRLRLLNGCNARSLNFATSDNRPLYVIASDG GLLPEPVKVSELPVLMGERFEVLVEVNDNKPFDLVTLPVSQMGMAIAPFDKPHPVM RIQPIAISASGALPDTLSSLPALPSLEGLTVRKLQLSMDPMLDMMGMQMLMEKYGDQ AMAGMDHSQMMGHMGHGNMNHMNHGGKFDFHHANKINGQAFDMNKPMFAAAK GQYERWVISGVGDMMLHPFHIHGTQFRILSENGKPPAAHRAGWKDTVKVEGNVSE VLVKFNHDAPKEHAYMAHSHLLEHQDTGMMLGFTV

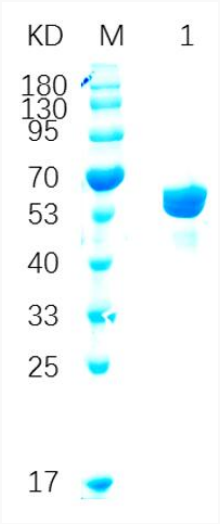
Tel: 1-631-559-9269 1-516-512-3133
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45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.28mg/ml

GENE INFORMATION

Gene Name	cueO multicopper oxidase CueO [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	cueO
Synonyms	ECK0122; yacK
Gene ID	947736
Protein Refseq	NP_414665
UniProt ID	P36649

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SDS-PAGE	 12% reducing SDS-PAGE analysis of purified Blue copper (approximately 5 mg protein loaded).

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