



# Recombinant Escherichia coli Primary amine oxidase (tynA)

<b>Product Code</b>	CSB-EP342439ENV-B
<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>	P46883
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	HGGEAHMVPM DKTLKEFGAD VQWDDYAQLF TLIKDGAYVK VKPGAQTAIV NGQPLALQVP VVMKDNKAWV SDTFINDVVFQ SGLDQTFQVE KRPHPLNALT ADEIKQAVEI VKASADFKPN TRFTEISLLP PDKEAVWAFWA LENKPVDPQR KADVIMLDGK HIIEAVVDLQ NNKLLSWQPI KDAHGMVLLD DFASVQNIIN NSEEFAAAVK KRGITDAKKV ITTPLTVGYF DGKDGLKQDA RLLKVISYLD VGDGNYWAHP IENLVAVVDL EQKKIVKIEE GPVVPVPMTA RPFDRDRVA PAVKPMQIIE PEGKNYTITG DMIHWRNWDF HLSMNSRVGP MISTVTYNDN GTKRKVMYEG SLGGMIVPYG DPDIGWYFKA YLDSDYGMG TLTSPARGK DAPSNVLLN ETIADYTGVP MEIPRAIAVF ERYAGPEYKH QEMGQPNVST ERRELVVRWI STVGNVDYIF DWIFHENGTI GIDAGATGIE AVKGVKAKTM HDETAKDDTR YGTLIDHNIV GTTHQHIYNF RLDLDVDGEN NSLVAMDPVV KPNTAGGPRT STMQVNQYNI GNEQDAAQKF DPGTIRLLSN PNKENRMGNP VSYQIIPYAG GTHPVAKGAQ FAPDEWIYHR LSFMDKQLWV TRYHPGERFP EGKYPNRSTH DTGLGQYSKD NESLDNTDAV VWMTTGTTHV ARAEEWPIMP TEWVHTLLKP WNFFDETPTL GALKKDK
<b>Source</b>	E.coli
<b>Target Names</b>	tynA
<b>Protein Names</b>	Recommended name: Primary amine oxidase EC= 1.4.3.21 Alternative name(s): 2-phenylethylamine oxidase Copper amine oxidase Tyramine oxidase
<b>Expression Region</b>	31-757
<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.

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