



# Recombinant Escherichia coli L-aspartate oxidase (nadB)

<b>Product Code</b>	CSB-EP319943ENV
<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>	P10902
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNTLPEHSCD VLIIGSGAAG LSLALRLADQ HQVIVLSKGP VTEGSTFYAQ GGIAAVFDET DSIDSHVEDT LIAGAGICDR HAVEFVASNA RSCVQWLIDQ GVLFDTHIQP NGEESYHLTR EGGHSHRRIL HAADATGREV ETTLVSKALN HPNIRVLERS NAVDLIVSDK IGLPGTRRVV GAWVWNRNKE TVETCHAKAV VLATGGASKV YQYTTNPDIS SGDGIAMAWR AGCRVANLEF NQFHPTALYH PQARNFLLTE ALRGEGAYLK RPDGTRFMPD FDERGELAPR DIVARAIDHE MKRLGADCMF LDISHKPADF IRQHFPMIYE KLLGLGIDLT QEPVPIVPAA HYTCGGVMVD DHGRTDVEGL YAIGEVSYTG LHGANRMASN SLLECLVYGW SAAEDITRRM PYAHDISTLP PWDESRVENP DERVVIQHNW HELRLFMWDY VGIVRTTKRL ERALRRITML QQEIDEYYAH FRVSNLLEL RNLVQVAELI VRCAMMRKES RGLHFTLDYP ELLTHSGPSI LSPGNHYINR
<b>Source</b>	E.coli
<b>Target Names</b>	nadB
<b>Protein Names</b>	Recommended name: L-aspartate oxidase Short name= LASPO EC= 1.4.3.16 Alternative name(s): Quinolinate synthase B
<b>Expression Region</b>	1-540
<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 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.
<b>Shelf Life</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.