



# Recombinant Escherichia coli O81 Periplasmic nitrate reductase (napA)

<b>Product Code</b>	CSB-YP482749EOP
<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>	B7MXN6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O81 (strain ED1a)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	VVGQQEAIK WDKAPCRFCG TGCGVLVGTQ QGRVVACQGD PDAPVNRGLN CIKGYFLPKI MYGKDRLTQP LLRMKNGKYD KEGEFTPITW DQAFDVMECK FKTALKEKGP ESIGMFGSGQ WTIWEGYAAS KLFKAGFRSN NIDPNARHCM ASAVVGFMRRT FGMDEPMGCY DDIEQADAFV LWGSNMAEMH PILWSRITNR RLSNQNVTVL VLSTYQHRSF ELADNGIIFT PQSDLVILNY IANYIIQNNA INQDFFSKHV NLRKGATDIG YGLRPTHLE KAAKNPGSDA SEPMSFEDYK AFVAEYMLEK TAEMTGVPKD QLEQLAQLYA DPNKKVISYW TMGFNQHTRG VWANNLVYNL HLLTGKISQP GCGPFSLTGQ PSACGTAREV GTFAHRLPAD MVVTNEKHRD ICEKKWNIPS GTIPAKIGLH AVAQDRALKD GKLNVYWTMC TNNMQAGPNI NEERMPGWRD PRNFIIVSDP YPTVSALAAD LILPTAMWVE KEGAYGNAER RTQFWRQQVQ APGEAKSDLW QLVQFSRRFK TEEVWPEELL AKKPELRGKT LYDVLYATPE VSKFPVSELA EDQLNDESRE LGFYLQKGLF EEYAWFGRGH GHDLAPFDDY HKARGLRWPV VNGKETQWRY SEGNDPYVKA GEGYKFGYKPK DGKAVIFALP FEPAAEAPDE EYDLWLSTGR VLEHWHTGSM TRRVPELHRA FPEAVLFIHP LDAKARDLRR GDKVKVVSRR GEVISIVETR GRNRPPQGLV YMPFFDAAQL VNKLTLDATD PLSKETDFKK CAVKLEKV
<b>Source</b>	Yeast
<b>Target Names</b>	napA
<b>Protein Names</b>	Recommended name: Periplasmic nitrate reductase EC= 1.7.99.4
<b>Expression Region</b>	32-828
<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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