



# Recombinant Periplasmic nitrate reductase (napA)

<b>Product Code</b>	CSB-MP815990EGX
<b>Abbreviation</b>	napA
<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>	Q8CVW4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>EAIK WDKAPCRFCG TGCGVLVGTQ QGRVVACQGD PDAPVNRGLN          CIKGYFLPKI MYGKDRLTQP LLRMKNGKYD KEGEFTPITW DQAFDVMEEK          FKTALKEKGP ESIGMFGSGQ WTIWEGYAAS KLFKAGFRSN NIDPNARHCM          ASAVVGFMRRT FGMDEPMGCY DDIEQADAFV LWGANMAEMH PILWSRITNR          RLSNQNVTVVA VLSTYQHRSF ELADNGIIFT PQSDLVILNY IANYIIQNNA          INQDFFSKHV NLRKGATDIG YGLRPTHPLK KAAKNPGSDA SEPMSFEDYK          AFVAEYTLK 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 LYEVLYATPE VSKFPVSELA EDQLNDESRE          LGFYLQKGLF EEYAWFGRGH GHDLAPFDDY HKARGLRWPV          VNGKETQWRY SEGNDPYVKA GEGYKFGYK GP DGKAVIFALP FEPAAEAPDE          EYDLWLSTGR VLEHWHTGSM TRRVPELHRA FPEAVLFIHP LDAKARDLRR          GDKVKVVSRR GEVISIVETR GRNRPPQGLV YMPFFDAAQL VNKLTLDATD          PLSKETDFKK CAVKLEKV</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	napA
<b>Protein Names</b>	Recommended name: Periplasmic nitrate reductase EC= 1.7.99.4
<b>Expression Region</b>	37-828
<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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