



Recombinant Periplasmic nitrate reductase (napA)

Product Code	CSB-EP815990EGX-B
Abbreviation	napA
Storage	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.
Uniprot No.	Q8CVW4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	EAIK WDKAPCRFCG TGCGVLVGTQ QGRVVACQGD PDAPVNRGLN CIKGYFLPKI MYGKDRLTQP LLRMKNGKYD KEGETPITW DQAFDVMEEK FKTALKEKGP ESIGMFGSGQ WTIWEGYAAS KLFKAGFRSN NIDPNARHCM ASAVVGFMR T FGMDEPMGCY DDIEQADAFV LWGANMAEMH PILWSRITNR RLSNQNVTV A VLSTYQHR SF ELADNGIIFT PQSDLVILNY IANYIIQNNA INQDFFSKHV NLRKGATDIG YGLRPTHPL E KAAKNPGSDA SEPMSFEDYK AFVAEYTL EK TAEMTGVPKD QLEQLAQLYA DPNKKVISYW TMGFNQHTRG VWANNLVYNL HLLTGKISQP GCGPFSLTGQ PSACGTAREV GTFAHRLPAD MVVTNEKHRD ICEKKWNIPS GTIPAKIGLH AVAQDRAL KD 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 VNKLTL DATD PLSKETDFKK CAVKLEKV
Source	E.coli
Target Names	napA
Protein Names	Recommended name: Periplasmic nitrate reductase EC= 1.7.99.4
Expression Region	37-828
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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.

Shelf Life

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