



# Recombinant Escherichia coli NADH-quinone oxidoreductase subunit C/D (nuoC)

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| <b>Product Code</b>      | CSB-EP633410EGW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Abbreviation</b>      | nuoC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q1R9D1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen Species</b> | Escherichia coli (strain UTI89 / UPEC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Sequence</b>          | MVNNMTDLTA QEPAWQTRDH LDDPVIGELR NFRGPDFTV QATRTGVPVW<br>WIKREQLLEV GDFLKKLPKP YVMLFDLHGM DERLRTHREG LPAADFSVFY<br>HLISDRNRD IMLKVALAEN DLHVPTFTKL FPNANWYERE TWDLFGITFD<br>GHPNLRRIMM PQTWKGHPLR KDYPARATEF SPFELTKAKQ DLEMEALTFK<br>PEEWGMKRGT ENEDFMFLNL GPNHPSAHGA FRIVLQLDGE EIVDCVPDIG<br>YHHRGAEKMG ERQSWHSYIP YTDRIEYLG GCVNEMPVLA VEKLAGITVP<br>DRVNVIRVML SELFRINSHL LYISTFIQDV GAMTPVFFAF TDRQKIYDLV<br>EAITGFRMHP AWFRIIGVAH DLPRGWDRLR REFLDWMPKR LASYEKAALQ<br>NTILKGRSQG VAAYGAKEAL EWGTTGAGLR ATGIDFDVRK ARPYSGYENF<br>DFEIPVGGGV SDCYTRVMLK VEELRQSLRI LEQCLNNMPE GPFKADHPLT<br>TPPPKERTLQ HIETLITHFL QVSWGPVMPA NESFQMVEAT KGINSYYLTS<br>DGSTMSYRTR IRTPSYAHLQ QIPAAIRGSL VSDLIVYLG S IDFVMSDVDR |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Target Names</b>      | nuoC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Names</b>     | Recommended name: NADH-quinone oxidoreductase subunit C/D EC= 1.6.99.5<br>Alternative name(s): NADH dehydrogenase I subunit C/D NDH-1 subunit C/D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Expression Region</b> | 1-600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <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.                                                                                                                                                                                                                                                                                                        |



## Shelf Life

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