



# Recombinant Prochlorococcus marinus NAD (P)H-quinone oxidoreductase subunit H

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP431736PZC   |
| <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>       | A9BD33  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Prochlorococcus marinus (strain MIT 9211)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MSQLETRTEP MVVNFGPHHP SMHGVLRLVV TLDGEDVVDC EPVIGYLHRG<br>MEKIAENRTN VMFVPYVSRM DYAAGMFYEA IVVNAPERLA KISVPKRASY<br>IRVLMLELNR IANHLLWLGP FLADVGAQTP FFYIFREREM IYDLWEAATG<br>QRLINNNYFR IGGVACDLPS GWLEKCTDFC KWFGPKIDEY EKLITNNPIF<br>RRRIEGLGAI SREEAINWSL SGPMLRASGV SWDLRKVDHY ECYDDFDWSI<br>STATEGDCFA RYRVRIEEMR QSLKILLQAC EMIPGGPTEN LEASRMLE GK<br>GSKFAGFDYQ YVAKKVAPTF KIPDGELYTR LESGKGEIGV FIQGNNDVTP<br>WRFKIRAADL NNLQILPHIL KGAKVADIMA ILGSIDVIMG SVDR |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | ndhH  |
| <b>Protein Names</b>     | Recommended name: NAD(P)H-quinone oxidoreductase subunit H EC= 1.6.5.-<br>Alternative name(s): NAD(P)H dehydrogenase subunit H NADH-plastoquinone oxidoreductase subunit H NDH-1 subunit H Short name= NDH-H  |
| <b>Expression Region</b> | 1-394   |
| <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.<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.  |