

# Recombinant Full Length Pseudomonas Aeruginosa NADH-Quinone Oxidoreductase Subunit A 1(Nuoa1) Protein, His-Tagged

**Cat. No.** RFL22029PF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Pseudomonas aeruginosa NADH-quinone oxidoreductase subunit A 1(nuoA1) Protein (A6V4E9) (1-137aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Pseudomonas aeruginosa                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                           |
| <b>ProteinLength</b>    | Full Length (1-137)                                                                                                                                                              |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                               |
| <b>AA Sequence</b>      | MPNPAELAAHHWGFAAFLLGVVGLLAFMLGVSALLGSKAFGRSKNEPFESGIVPTG<br>GARL RLSAKFYLVAMLFVIFDVEALFLFAWSVSVRESGWAGLIEATIFIAILLAGLVYL<br>WRIGA LDWAPESRRKRQAKLKQ                              |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                      |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                              |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                   |

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|                       |                                             |
|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
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|                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <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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## GENE INFORMATION

|                  |       |
|------------------|-------|
| <b>Gene Name</b> | nuoA1 |
|------------------|-------|

|                 |                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | nuoA1; PSPA7_2570; NADH-quinone oxidoreductase subunit A 1; NADH dehydrogenase I subunit A 1; NDH-1 subunit A 1; NUO1 1 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|

|                   |                        |
|-------------------|------------------------|
| <b>UniProt ID</b> | <a href="#">A6V4E9</a> |
|-------------------|------------------------|

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