

# Recombinant Full Length Shigella Boydii Serotype 18 NADH-Quinone Oxidoreductase Subunit A(NuoA) Protein, His-Tagged

**Cat. No.** RFL7291SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Shigella boydii serotype 18 NADH-quinone oxidoreductase subunit A(nuoA) Protein (B2TW69) (1-147aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Shigella boydii serotype 18  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-147)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MSMSTSTEVIAHHWAFIFLIVAIGLCCMLVGGWFLGGRARARSKNVPFESGIDSV<br>GSA RLRLSAKFYLVAMFFVIFDVEALYLFWSTSIRESGWVGFVEAAIFIFVLLAGLV<br>YLVRI GALDWTPARSRRERMNPETNSIANRQR                         |
| <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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**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**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.

## GENE INFORMATION

**Gene Name** nuoA

**Synonyms** nuoA; SbBS512\_E2664; NADH-quinone oxidoreductase subunit A; NADH dehydrogenase I subunit A; NDH-1 subunit A; NUO1

**UniProt ID** [B2TW69](#)

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