

# Recombinant Full Length *Shewanella loihica* Na(+)-Translocating NADH-Quinone Reductase Subunit D Protein, His-Tagged

Cat. No. RFL31601SF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length <i>Shewanella loihica</i> Na(+)-translocating NADH-quinone reductase subunit D Protein (A3QGZ6) (1-210aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
<b>Species</b>	<i>Shewanella loihica</i>
<b>Source</b>	<i>E. coli</i>
<b>Protein Length</b>	Full Length (1-210)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MADAKELKQVLTGPIISNNPIALQILGVCSALAVTSKMETALVMTIALTAVTALS NFLFIS MIRNHIPSSVRIIVQMTIIASLVIVVDQVLQAYAYDVAKQLSVFVGLIITNCIVMGRAEA YAMKTPPMMSFMDGIGNGLGYGAILLSVGFVRELFNGSLFGVEILSKISEGGWYQP NGL LLLPPSAFFLIASLIWIIRTIKPEQVEAKG
<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 multiple use. Avoid

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

repeated freeze-thaw cycles.

**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** nqrD

**Synonyms** nqrD; Shew\_2878; Na(+)-translocating NADH-quinone reductase subunit D; Na(+)-NQR subunit D; Na(+)-translocating NQR subunit D; NQR complex subunit D; NQR-1 subunit D

**UniProt ID** [A3QGZ6](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA