

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

Cat. No. RFL13035SF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Shewanella denitrificans</i> Na(+)-translocating NADH-quinone reductase subunit D(nqrD) Protein (Q12QK3) (1-210aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Shewanella denitrificans</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-210)
Form	Lyophilized powder
AA Sequence	MADV KELKQVLTGPIINNNPIALQILGVCSALAVTSKMETALVMSLALTVVTAFSNLFIS LIRNHIPSSVRIIVQMTIIASLVIVVDQVLQAYAYEIAKQLSVFVGLIITNCIVMGRAEA Y AMKTPPMMSFMDGIGNGLGYGAILLGVGFFRELFNGSLFGIEILSKISDGGWYQPN GL LLLPPSAFFLIGGLIIVIRTYKPEQVEAKG
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	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  Fax: 1-631-938-8127

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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; Sden_0985; 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

[Q12QK3](#)

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