

# Recombinant Full Length Asterina Pectinifera Nadh-Ubiquinone Oxidoreductase Chain 3(Nd3) Protein, His-Tagged

Cat. No. RFL20498PF Lot. No. (See product label)

## SPECIFICATION

|                  |                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Full Length Asterina pectinifera NADH-ubiquinone oxidoreductase chain 3(ND3) Protein (P11991) (1-116aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species          | Patiria pectinifera (Starfish) (Asterina pectinifera)                                                                                                                       |
| Source           | E.coli                                                                                                                                                                      |
| ProteinLength    | Full Length (1-116)                                                                                                                                                         |
| Form             | Lyophilized powder                                                                                                                                                          |
| AA Sequence      | MIYTNNIFNFLTFLVSIILITLITFAAHFLPSRNTDSEKSSPYECGFDPLNSARVPF S<br>FRFFLVAILFLLFDLEIALLFPLPFSVFFHPIHTPLILTVGLIFEWVQGGLDWAE                                                      |
| Purity           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                 |
| Applications     | 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 mutiple use. Avoid repeated freeze-thaw cycles.                                                              |

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

|                       |                                             |
|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | 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**

ND3

**Synonyms**

ND3; NADH-ubiquinone oxidoreductase chain 3; NADH dehydrogenase subunit 3

**UniProt ID**[P11991](#) 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