

# Recombinant Full Length *Xenopus laevis* Fad-Dependent Oxidoreductase Domain-Containing Protein 1(Foxred1) Protein, His-Tagged

**Cat. No.** RFL32591XF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Recombinant Full Length <i>Xenopus laevis</i> FAD-dependent oxidoreductase domain-containing protein 1(foxred1) Protein (Q6DCP1) (1-499aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | <i>Xenopus laevis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Full Length (1-499)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MYVSSLKFPFLGIGVWKGVRLWRQSLGTSACALKQDDFIKELDQNFVRLQKKLMD<br/> SLPS SDWSPFTPTGDLPPERADVIVGGGVMGWSIAYWLKQKENRRGALKVVVVE<br/> RDPTYSRAS TVLSAGGIRQQFSRPENIQMSLFSQAFLRNINEHLGVVNEDRIDIQFN<br/> PSGYLFLASEEG ATIMEENYNVQRECGAQVTLMPLDQLKKKFPWINTNGVALASYG<br/> LENEGWFDPWTLLNAF RRKALSMGVYQCHGEVTDFTAKREMITADGDPVTFSR<br/> GHVTVQMPNSLESQSVECSLV INAAGAWSSKVAELAGIGTGPSNSLEGIKLPVEPK<br/> KRYVYVVHCPNGPGLDCPLLIDNSG AYFRREGLGGNYIAGKSPAEEEEPDISNMEV<br/> DHDFEQEKVWPLLAHRVPAFESLKVKTSW AGYYDYNTYDQNGVVGMMHPLVNNLFF<br/> ATGFSGHGLQHSPAVGRAVAELIVDGGFKTLNLS SFSFRRFWSQEPLERNIV</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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

## GENE INFORMATION

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| <b>Gene Name</b>  | foxred1                                                           |
| <b>Synonyms</b>   | foxred1; FAD-dependent oxidoreductase domain-containing protein 1 |
| <b>UniProt ID</b> | <a href="#">Q6DCP1</a>                                            |

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