

Recombinant Full Length *Smittium Culisetae* Cytochrome C Oxidase Subunit 2(Cox2) Protein, His-Tagged

Cat. No. RFL32593ZF **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length <i>Smittium culisetae</i> Cytochrome c oxidase subunit 2(cox2) Protein (Q3T4C0) (1-254aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Zancudomyces culisetae</i> (Gut fungus) (<i>Smittium culisetae</i>) |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length (1-254) |
| Form | Lyophilized powder |
| AA Sequence | MNIFSFYIINNDAPWPQICYQDSATKIMSGIDKLTGEIFYETLLLIIVGWVLISAIK YT KTELSYKYFNHGTLEILWTCSPAFILIAISFPSFKLLYLMSIIDSQITIKVLGHQW YWS YEYSDYLDNSGDSISFDSIMIPTDDLEPGQFRLLVDNRIVLPIHTHIRFICTSSDV IHS FAVPSLGLKIDALPGRLNGISTYVEREGTFYGQCSELGCVYHFGMPIVIEAVRIEKY L EWLNIHLDNTPSS |
| 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 mutiple use. Avoid repeated freeze-thaw cycles. |

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| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
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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**

cox2

Synonyms

cox2; Cytochrome c oxidase subunit 2; Cytochrome c oxidase polypeptide II

UniProt ID[Q3T4C0](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA