

Recombinant Full Length Cytochrome O Ubiquinol Oxidase Protein Cyod(Cyod) Protein, His-Tagged

Cat. No. RFL11175SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Cytochrome o ubiquinol oxidase protein CyoD(cyoD) Protein (P0ABJ8) (1-109aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Shigella flexneri
Source	E.coli
ProteinLength	Full Length (1-109)
Form	Lyophilized powder
AA Sequence	MSHSTDHSGASHGSGVKTYMTGFILSIILTVIPFWMVMTGAASPAVILGTILAMAVVQVL V HLCVFLHMNTKSDEGWNMTAFVFTVLIILVVGSIWIMWNLNYNMMMH
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.
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**

cyoD

Synonyms

cyoD; SF0370; S0375; Cytochrome bo(3 ubiquinol oxidase subunit 4; Cytochrome o ubiquinol oxidase subunit 4; Cytochrome o subunit 4; Oxidase bo(3 subunit 4; Ubiquinol oxidase chain D; Ubiquinol oxidase polypeptide IV; Ubiquinol oxidase subunit 4

UniProt ID[P0ABJ8](#) 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