

Recombinant Full Length Escherichia Coli Ubiquinol Oxidase Subunit 2(Cyoa) Protein, His-Tagged

Cat. No. RFL18844EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Escherichia coli Ubiquinol oxidase subunit 2(cyoA) Protein (P0ABJ1) (25-315aa), fused to N-terminal His tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Full Length of Mature Protein (25-315)
Form	Lyophilized powder
AA Sequence	CNSALLDPKGQIGLEQ RSLILTAFLMLIVVIPAILMAVGFAWKYRASNKDAKYSPNW SH SNKVEAVVWTVPIIIIFLAVLTWKTTHALEPSKPLAHDEKPITIEVVSM DWKWFFI YPE QGIATVNEIAFPANTPVYFKVTSNSVMNSFFIPRLGSIYAMAGMQTRLHLIANE PGTYD GISASYSGPGFSGMKFKAIATPDRAAFDQWVAKAKQSPNTMSDMAAFEKL AAPSEYNQVE YFSNVKPDFADVINKFMAHGKSMDMTQPEGEHSAHEGMEGMDM SHAESAH
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

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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

cyoA

Synonyms

cyoA; b0432; JW0422; Cytochrome bo(3 ubiquinol oxidase subunit 2; Cytochrome b562-o complex subunit II; Cytochrome o ubiquinol oxidase subunit 2; Cytochrome o subunit 2; Oxidase bo(3 subunit 2; Ubiquinol oxidase chain B; Ubiquinol oxidase polypeptide II;

UniProt ID

[P0ABJ1](#)

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