

Recombinant Full Length Dictyostelium Discoideum 4-Hydroxybenzoate Polyprenyltransferase, Mitochondrial(Coq2) Protein, His-Tagged

Cat. No. RFL1814DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum 4-hydroxybenzoate polyprenyltransferase, mitochondrial(coq2) Protein (Q54U71) (21-463aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length (21-463)
Form	Lyophilized powder
AA Sequence	SILKYNNNNNTNNNNNNNGINKYNSTFNNNNNSNFSNKNLFSSKQYQQQSICNIPILST IS YHNKNNTNINTIINNNSNNNLINLNDKFNNLNNKTSPHFNKNYSTTVSTLLDDNN SN SNNNNNSNNNKPSTTFVNDWISKFPNSVQPYLRLSRVDKPIGVWLLLYPCCWSI SLAAPA GSFPDLKTMLVFGIGAYVMRSAGCVINDMADYKFDSKVERTKTRPIASKQL THKQSLIFL GGQLLASFGLILSSLNYYTIALCASSLPVVLYPFMKRFTYYPQFVLGLA FNWGALAGYS AIAGSCNWSIVAPLYLAGISWTMVYDTIYAHQDKRDDILVGVKSTAL KFAEKSRIILSVF SGLVISGMFLTGIAANMPLFYYLGTAAACSSHILWQLKTVDFNNPSS CLEKFISNKNFGLY FLLIIIVSKLLQDKENENEIQKK
Purity	Greater than 90% as determined by SDS-PAGE.

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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
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	coq2"
Synonyms	coq2; DDB_G0281241; 4-hydroxybenzoate polyprenyltransferase, mitochondrial; 4-HB polyprenyltransferase; Para-hydroxybenzoate--polyprenyltransferase; PHB:PPT; PHB:polyprenyltransferase
UniProt ID	Q54U71

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