Recombinant Full Length Calycanthus Floridus Var. Glaucus Nad(P)H-Quinone Oxidoreductase Subunit 1, Chloroplastic(Ndha) Protein, His-Tagged

Cat. No. RFL12850CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Calycanthus floridus var. glaucus NAD(P)H-quinone oxidoreductase subunit 1, chloroplastic(ndhA) Protein (Q7YJS9) (1-363aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Calycanthus floridus var. glaucus (Eastern sweetshrub) (Calycanthus fertilis var. ferax)
Source	E.coli
ProteinLength	Full Length (1-363)
Form	Lyophilized powder
AA Sequence	MIIDTTEVQAINSFSRSESLKEVYDLLWLLVPIFTPVLGITIGVLVIVWLEREISAGIQQ RIGPEYAGPLGILQALADGTKLLFKEDLLPSRGDIRLFSIGPSIAVISILLSYSVIPFGY RLVLADLGIGVFLWIAISSIAPIGLLMSGYGSNNKYSFSGGLRAAAQSISYEIPLTPCVL SISLLSNSSSTVDIVEAQSKYGFWGWNLWRQPIGFIVFLISSLAECERLPFDLPEAEEEL VAGYQTEYSGIKFGLFYVASYLNLLVSSLFVTVLYLGGWNLPIPYIFIPEPFGINKTDG V FGTTIDILITLAKSYLFLFVPIITRWTLPRMRMDQLLNLGWKFLLPISLGNLLLITSFQL VSL
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ndhA
Synonyms	ndhA; NAD(PH-quinone oxidoreductase subunit 1, chloroplastic; NAD(PH dehydrogenase subunit 1; NDH subunit 1; NADH-plastoquinone oxidoreductase subunit 1
UniProt ID	Q7YJS9

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