

Recombinant Full Length Xanthomonas Campestris Pv. Juglandis Probable Quinate Dehydrogenase (Quinone)(Quma) Protein, His-Tagged

Cat. No. RFL12743XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Xanthomonas campestris pv. juglandis Probable quinate dehydrogenase (quinone)(qumA) Protein (Q9XD78) (1-790aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Xanthomonas campestris pv. juglandis (Xanthomonas arboricola pv. juglandis)
Source	E.coli
ProteinLength	Full Length (1-790)
Form	Lyophilized powder
AA Sequence	MLIALVGLIFLLGGARLASLGGSWYFLLMGLATALAGVLIVLRRPAGALVYGVAFALT V WALWDAGLEFWPLVSRMLPAAFAVLVALAWPALRRSRALPTGRTAYGVATVLA LAVVAG IGGMFVPHPPVAGNAGPGMTAVPPGSVQQNWSAYGNTDGGSRFAALDQ INRSNGRPAAGS PGPTTPGEIANS DGNGAEDQLTPLQVGEKVFLCTPHNNLIALDAS TGKQLWRREINATSS VWQRCRGLGYFDADAALPAPSVANPSPIAAVTVAQGANC RRLFTNTIDGRLIAVDADTG AFCQGFGSNGQVDLKAGLGAAPDPFYQLTSPPLVAG TTVVGGTRADDNVQTDMPGGVVR GSMWSPVRSAGLDPGNPHDRQAPAAGSSY VRSTPNVWAPMSYDAAMNTVFLPLGGPSTDL YGAERTALDHRYGASVLALDATTG AEKWVYQTVHNDLWDFDLPMQPSLIDFPNQDGSHTP AVVIGTKAGQIYVLD RATGK PLTEVREVPVKGSDIAHEQYAPTQPLSVGMPQIGTKHLTE SDMWGATAMDQMLCRI

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AFKQMRYEGLYTAPGTDVSLSFPGSLGGMNWGGLSTDPVHDVVF ANDMRLGLWV
 QMIPADTRKAEAAGGGEAVNTGMGAVPLKGTPTYAVNKNRFLSALGIPCQA PPYGTL
 SAIDLKTRSIWQVPVGTQDTGPFGIKMHLPIIGMPTLGGTLSTQGGLVFIA GTQD
 YYLRAFDSATGKELWKGRLPVGSQGGPITYVSHKTGKQYVVISAGGARQSPDRGD
 Y VIAYSLPDAH

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

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 qumA

Synonyms qumA; Probable quinate dehydrogenase; quinone

UniProt ID [Q9XD78](#)

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