

# Recombinant Full Length Xanthomonas Axonopodis Pv. Citri Dna Translocase Ftsk(Ftsk) Protein, His-Tagged

**Cat. No.** RFL916XF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Recombinant Full Length Xanthomonas axonopodis pv. citri DNA translocase FtsK(ftsK) Protein (Q8PL00) (1-785aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Xanthomonas axonopodis pv. citri                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Full Length (1-785)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | <p>MAKQVPERSSKPAEGKSSSRKTAADNPRRQKLWRDLALIAVAPLLLYLLASLFTYS<br/>           ATD PGWSRTGNLVAPIHNMGGRFGALAADVLLQLFGYVAFLLPVLLGAVAWIALIGD<br/>           REEQTQ SDLGPALRLVGMVGFLISSTGFLHLRLFQGEVAEAGGILGKLVAGSLSSRF<br/>           GALGANLFV LVLLLVSITLATGLSWFAVMERIGKWWLALGPLMQRKTHQATEWQQT<br/>           RVMREEREERVKV DAVKQAKREPVKIEPPPAPVVEKSERAKRDTQIPMFQGVSTD<br/>           GSDLPPLALLDDPKPQTK GYSEETLETLSRQIEFKLKDFRIEAQVVGAYPGPVITRFE<br/>           IEPAPGIKVSQISSLDKDIA RGLSVKSVRVVDVIPGKSVIGLEIPNVSREMIFLSELLRS<br/>           KEYDKSASPLTLALGKDIAG RPTVADLARMPHLLVAGTTGSGKSVAVNAMVLSLLFK<br/>           ASHKELRMLMIDPKMLELSVYQG IPHLLAPVVTDMKEAANGLRWCVAEEMERRYKL<br/>           MSAVGVRNLAGFNKKVKDAIDAGQPMMD PLFKPNPELGEAPRPLETLPFIVIFIDEF<br/>           ADMMMIVGKKVEELIARLAQKARAAGIHLIL ATQRPSVDVITGLIKANIPTRVAFQVSS</p> |

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KIDSRTILDQSGAEALLGNGDMLYLPPGTALP DRVHGAFVSDEEVHRVVEHLKASG  
 PVSYPEGVLDDEVQTMGDGTVVGATGLPESSGGGGDE SDPLYDEALRIVTETTRASI  
 SGVQRRLLKIGYNRAARLIEAMEAAGVVSPPPEHNGDRTVLA PPPPK

**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** ftsK

**Synonyms** ftsK; XAC2006; DNA translocase FtsK

**UniProt ID** [Q8PL00](#)

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