

# Recombinant Full Length Burkholderia Xenovorans Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

**Cat. No.** RFL29054PF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Burkholderia xenovorans Membrane protein insertase YidC(yidC) Protein (Q13SH4) (1-552aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**      Paraburkholderia xenovorans

**Source**      E.coli

**ProteinLength**      Full Length (1-552)

**Form**      Lyophilized powder

**AA Sequence**

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MDIKRTLWVIFFMSSAVMLFDNWQRDHGRPSMFFPSATPTRTVGSAAPGTTTPGTQ
PADL PATNAAAPGNAPAATQSQLIKFNTDVYSGEIDTRGGTSLKLSLVKQGDGKQP
DLVITLFD RTANHTYLARTGLLGGDFPNHNDIYTLPNQPHDLTGDEKSFQISFESPV
KGGVKVIKTY TFTRGSYVIGVDTKIQNVGTTTPVSPSVYMEVLRDDQPVETPRFSHTF
IGPAVYTDQHHFQ KMTFGDIDKNKQDYATSADNGWIAMVQHYFASAWIPQQGAKR
DIYVEKIDPALYRVGVKE PVPTIAPGQTVDV SARLFAGPEEERMLEGIAPGLELVKDY
GWVTIIAKPLFWLLEKIHSY VGNWGW SIVLLTLLIKAVFFPLSAASYKSMARMKAITP
RMQALRERFKGDPQKMNSALME LYKTEKVNPFGGCLPVVIQIPVFISLYWVLLSSVE
MRGAPWILWIHDLSSQDPPFILPVL MAVSMFLQTKLNPTPPDPVQAKMMMFMPIAF
SVMFFFFPAGLVLYVVNNVLSIAQQYYI TRMMGQAKTKAA
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**Purity**      Greater than 90% as determined by SDS-PAGE.

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|                         |   |
|-------------------------|---|
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0   |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | yidC  |
| <b>Synonyms</b>         | yidC; Bxeno_A4427; Bxe_A4466; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC   |
| <b>UniProt ID</b>       | <a href="#">Q13SH4</a>  |

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