

# Recombinant Full Length Prochlorococcus Marinus Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

**Cat. No.** RFL14884PF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Prochlorococcus marinus Membrane protein insertase YidC(yidC) Protein (Q7VB00) (1-382aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**      Prochlorococcus marinus

**Source**      E.coli

**ProteinLength**      Full Length (1-382)

**Form**      Lyophilized powder

**AA Sequence**

MIGFLSDNLLIPILDFFYGLFHSYGIAIVALTIVIRIALFPLSAGSIRSARRMKIAQPVM Q  
 KRQAEIKSRYANDPKKQQDELGKLMGEFGSPLAGCLPLLQMPILFALFATLRGSPF  
 AD VPYLVNLKILPPEQIAAVEPKPFKSPRHSIFISDKDHFVIAASLPGGTKIAAGDSVNI  
 KL ETLSGEKYSNVLGKFENGSKFSPTWKLTKGADLASVSADGTVTAKYPGDATVEG  
 KIPGLA AKSGFLFIKALGQVGFYVDGAINWDIALVAGFGLTLVISQVLSGQGMPNP  
 QQATAQKI TPIMITGMFLFFPLPAGVLLYMVIANMFQAFQTFLLNKEALPENLQKILDD  
 QIKNQGKKE LATSPAIDSERLPFEPKSNKQN

**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.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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<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.
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## GENE INFORMATION

<b>Gene Name</b>	yidC
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<b>Synonyms</b>	yidC; Pro_1302; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
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<b>UniProt ID</b>	<a href="#">Q7VB00</a>
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