

# Recombinant Full Length Pelodictyon Luteolum Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

**Cat. No.** RFL22452CF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Pelodictyon luteolum Membrane protein insertase YidC(yidC) Protein (Q3B110) (1-585aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**      Chlorobium luteolum

**Source**      E.coli

**ProteinLength**      Full Length (1-585)

**Form**      Lyophilized powder

**AA Sequence**

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MDRNSVTGLALIALIMIVWLQFMSPEKKPLQQVTDAGKARTEQVA AEINSDMQPAAV
PAT EDSFGMFAPAASGTERLTVIDNDLFHAVVSSKGATLKS LVLKKHLDGNLKPFDL
VSDAKN GALSMLFLTREGRRIDTRDLYFAGSSLDLHTIKGKETYALS YRLALSPRQ
SIEVSYTFT GDSYRIGYDVKLTGLSGSLAGNEYQVQWDGGLPYTEKNRDDEARSA
QASAYLGGSLVKLD AEKDGRSYREEQSGDARWVAVRNKYFIAALIPEDRTAGFYLD
GQKERGNAYENYLASLKM EVPASEEVVDSRFSLYLGPLDYNTVKAQHADIEKIMDF
GWDWLTRPFAEFVILPAFTWMN RFVSNYGLIIIIIFAFLIKLVTYPLSTASTKSMKKMAA
LQPMLKELQDKYKDNPAKLQSEL GRIYKEAGVNPLGGCLPVVLQMPLLFAMFYVFR
SSIQLRQHGFLWVKDLSVPDSILDFGF TIPMYGSHIALLPILMAVTVFLQQKITPTAQS
NDQMKIMLYMFPAMMLLFFNNMPSGLAL YYLMFNVFSVAQQFYINSTSSAADLPQV
SISAPSRPKKKKSGSGK
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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<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 mutiple 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; Plut_2129; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
<b>UniProt ID</b>	<a href="#">Q3B110</a>

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