

# Recombinant Full Length *Silicibacter pomeroyi* Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL25859RF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length *Silicibacter pomeroyi* Membrane protein insertase YidC(yidC) Protein (Q5LW11) (1-609aa), fused to N-terminal His tag, was expressed in *E. coli*.

**Species** *Ruegeria pomeroyi*

**Source** *E. coli*

**Protein Length** Full Length (1-609)

**Form** Lyophilized powder

**AA Sequence**

MDDQNKNLILATALSFLVILVWFILFPPPEQTEAPATEIATTNGTAVQTPTAAATEGGA  
 G EVPALDSAAPTQAEAPRVQIDTPRLKGSVSLGGRIDELSLKDYRVSLDEDAEIVE  
 MLTP AGSTSAYYALYGWAPGAGLNAADVPGPLTEWSLESGLTSLVGTPTLSWSN  
 GSGVTFRRT LAVDEDYMFTVTQSVENGSAAPIGAAPYGILARHGIGEDADLPGLKNF  
 FILHEGVVAMND GTLSEIDYKDVRKFDIDPNEGAQAEVFQNKSDGWIGFTDHYWMA  
 TLIPGSGTAFKSAKY DARRKIYQAETVLPTMSVAPGESAEVTTRLFAGAKEWESIR  
 AYQQDGVQKFLDSIDWGWFFLTKPIFWLLHQINGLIGNMGWSIIGLTLIIKAIVFPLA  
 LKSYVSMAMKELQPQMEAL KEAAGDDRQKMQQGMMELYKKEKVNPAAGCLPILL  
 QIPIFFSLYKVFVTIELRQAPWFG PFRDLSMPDPTSIMNFFGWLPWAGPEAGSLTAT  
 ILIGILPLLLGISMWLQQLNPAPTDP TQAMIFAWMPWVFMFMLGFSFASGLVVYWIA  
 NNTITFTQQYIIMRSHGYKPDVFGNIKSGF ARRAKADKK

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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 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; SPO0532; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
<b>UniProt ID</b>	<a href="#">Q5LW11</a>

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