

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

Cat. No. RFL1035RF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length *Silicibacter* sp. Membrane protein insertase YidC(yidC) Protein (Q1GJX6) (1-608aa), fused to N-terminal His tag, was expressed in *E. coli*.

### Species

*Ruegeria* sp.

### Source

*E. coli*

### ProteinLength

Full Length (1-608)

### Form

Lyophilized powder

### AA Sequence

MDDQNKNLLLATALSFLVILGWYFFPPPEEAPQPATEVTETAPQGDTTAPAAAPSA  
 GAA TAEVDAAAETEITEDVPRLTIDTPRVEGSISLKGGRIIDLRLKDYRETLDDDSPI  
 VTLL SPAGQPHAYYALYGWAPGAGLGIEDVPTANTLWQAEAGATLTPDTPVTLTWD  
 NGKGLTFS REVSIDEDYMFSITQSVTNSSGASVALAPYGLARHGEPANLENFFVLH  
 EGVGMADGEL SEIDYDDMTDFDPDPRDGSRAQVNTVTENGWIGFTGHYWMSTLI  
 PAPGEAFRAIAKYDER RDIYQTDVVLPTVTLAAGESTSANTQLFAGAKEWATIREYE  
 RAGIEGFLDSIDWGWFFFF TKPIFAVLHWNAAIGNMGVAIIALTFLKILVFPLAYKSY  
 ASMARMKELQPEMEKLRER AGDDRQKMQKEMMELYKREKVNPAAGCLPILIQIPF  
 FSLYKVIVFTLELRHAAFFGPFQ DLSVPDPTSLFNLGLLPWAAPAPDSLLSLVFIGIL  
 PILLGVSMWVQQKLNPAPTDETQR MIFAWMPWVFMFMLGGFASGLVVYWITNNVI  
 TFTQQYLIMRSHGYTPDVFNGNIKSGFKKD KAEKAEKK

### 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; TM1040_0307; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
<b>UniProt ID</b>	<a href="#">Q1GJX6</a>

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