

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 <i>Silicibacter pomeroyi</i> Membrane protein insertase YidC(yidC) Protein (Q5LW11) (1-609aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Ruegeria pomeroyi</i>
Source	<i>E. coli</i>
Protein Length	Full Length (1-609)
Form	Lyophilized powder
AA Sequence	MDDQNKNLILATALSFLVILVWFILFPPPEQTEAPATEIATTNGTAVQTPTAAATEGGA G EVPALDSAAPTQAEAPRVQIDTPRLKGSVSLGGRIDELSLKD YRVSLDEDAEIVE MLTP AGSTSAYYALYGWAPGAGLNAADVPGPLTEWSLES GDTLSVGTPVTLSWSN GSGVTFRR T LAVDEDYMFTVTQSVENGSAAPIGAAPYGILARHGIGEDADLPGLKNF FILHEGVVAMND GTLSEIDYKDVRKFDIDPNEGAQAEVFQNKSDGWIGFTDHYWMA TLIPGSGTAFKSAKY DARRKIYQAETVLPTMSVAPGESAEVTTRLFAGAKEWESIR AYQQDGVQKFLDSIDWGWFFLT KPIFWLLHQINGLIGNMGWSIIGLTLIIKAIVFPLA LKS YVSMAMKELQPQMEAL KEAAGDDRQKMQQGMMELYKKEKVNPAAGCLPILL QIPIFFSLYKVIFVTIELRQAPWFG PFRDLSMPDPTSIMNFFGWLPWAGPEAGSLTAT ILIGILPLLLGISMWLQQKLNPAPTDP TQAMIFAWMPWVFMFMLGSFASGLVYVWIA NNTITFTQQYIIMRSHGYKPDVFGNIKSGF ARRAKADKK

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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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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.
GENE INFORMATION	
Gene Name	yidC
Synonyms	yidC; SPO0532; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	Q5LW11