

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
ProteinLength	Full Length (1-609)
Form	Lyophilized powder
AA Sequence	MDDQNKNLILATALSFLVILVWFILFPPPEQTEAPATEIATTNGTAVQTPTAAATEGGA G EVPALDSAAPTQAEAPRVQIDTPRLKGSVSLGGRIDELSLKDYRVSLDEDAEIVE MLTP AGSTSAYYALYGWAPGAGLNAADVPGPLTEWSLES GD T L S V G T P V T L S W S N GSGVTFRR T L A V D E D Y M F T V T Q S V E N G S A A P I G A A P Y G I L A R H G I G E D A D L P G L K N F F I L H E G V V A M N D G T L S E I D Y K D V R K F D I D P N E G A Q A E V F Q N K S D G W I G F T D H Y W M A T L I P G S G T A F K S A A K Y D A R R K I Y Q A E T V L P T M S V A P G E S A E V T T R L F A G A K E W E S I R A Y Q Q D G V Q K F L D S I D W G W F F F L T K P I F W L L H Q I N G L I G N M G W S I I G L T L I I K A I V F P L A L K S Y V S M A K M K E L Q P Q M E A L K E A A G D D R Q K M Q Q G M M E L Y K K E K V N P A A G C L P I L L Q I P I F F S L Y K V I F V T I E L R Q A P W F G P F R D L S M P D P T S I M N F F G W L P W A G P E A G S L T A T I L I G I L P L L L G I S M W L Q Q K L N P A P T D P T Q A M I F A W M P W V F M F M L G S F A S G L V V Y W I A N N T I T F T Q Q Y I I M R S H G Y K P D V F G N I K S G F A R R A K A D K K

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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