

# Recombinant Full Length Vibrio Cholerae Serotype O1 Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL24518VF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Vibrio cholerae serotype O1 Membrane protein insertase YidC(yidC) Protein (C3LP77) (1-541aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Vibrio cholerae serotype O1

**Source** E.coli

**ProteinLength** Full Length (1-541)

**Form** Lyophilized powder

**AA Sequence**

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MDSQRNILLIALALVSFLLFQQWQVAKNPAPQATQQAQSTGAAPAPSFSDDELDP  

TPAQNV AAKAKTITVSTDVLTLSIDTLGGDVVSAKLNQYSEELNSPESFVLLQNTQGHQFI  

AQSGLVGPQGIDVTSNNRPAYQVSADSFTLAEGQDELRIPTYQANGIDYTKTFILK  

RGSYAVDV VFDVANNSGSEATLGMYAHLRQNLDDSGGNLAMPYRGGAYSTSDV  

RYKKYSFDDMKDRN LSAPNDVTVNWVAMIQHYFASAWIPRDEPQAQLYSRVINNL  

GDMGIRTPNKTIANGDKAE FEATLWVGPKLQDQMAATAPNLDLVVDYGWLWFIK  

LHWLLSVIQT FVGNWGVAIICLT FIVRGAMYPLTKAQYTSMAKMRMLQPKLQAMRE  

RIGDDRQRMSQEMMELYKKEKVNPLGG CLPILLQMPIFIALYWALMESVELRHSPFF  

GWIHDLAQDPYYILPLLGMGSMFVIQKMS PTTITDPMQQKIMTFMPVMFTFFFLWF  

PSGLVLYWLVSNIIVTLIQQTLIYKALEKKGLHS K
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**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; VCM66_0004; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
<b>UniProt ID</b>	<a href="#">C3LP77</a>

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