

Recombinant Full Length *Vibrio Vulnificus* Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL23144VF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length *Vibrio vulnificus* Membrane protein insertase YidC(yidC) Protein (Q7MQK5) (1-539aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species

Vibrio Vulnificus

Source

E.coli

ProteinLength

Full Length (1-539)

Form

Lyophilized powder

AA Sequence

MDSQRTLLVLLLALVSFLLFQQWQVAKNPAPQAVEQAQTSSTLPAPSFADLDPAP
 AQQA SAKLITVTTDVLTLSDTVGGDVVAADLNQYSAELNSANAFELLRDTQGHQFIA
 QSGLVG PQGIDLSSNNRPSYQVSADSFTLADDQNELRIPMTYQANGLEYTKTFILKR
 GSYAIDVEF DVINKSGNNATLGMYAHLRQNLMDAGGSITMPTYRGGAYSTEDTRYK
 KYSFEDMQDRNLS LTLTNGQGWAAMIQHYFAAAWIPRNEPGANLYTRVIGNMGDI
 GVRMPNKT VADGDSAHT ATLWAGPKLQDQMAEVAPNLDLVVDYGWLWFIKPLH
 WLLSVIQSFVGNWGVAIICLTFI VRGAMYPLTKAQYTSMAKMRMLQPKLQAMRERIG
 DDRQRMSQEMMELYKKEKVNPLGGCL PLILQMPIFIALYWALMESVELRHSPFILWI
 HDLSAQDPYFILPLLMGGSMFLIQKMSPT TVTDPMQQKIMTFMPVMFTFFFLWFPS
 GLVLYWLVSNIIVTLIQQSLIYKALEKKGLHTK

Purity

Greater than 90% as determined by SDS-PAGE.

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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; VV0003; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	Q7MQK5

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