

Recombinant Full Length *Methylobacterium Nodulans* Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL13799MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Methylobacterium nodulans* Membrane protein insertase YidC(yidC) Protein (B8IMM9) (1-605aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *Methylobacterium nodulans*

Source *E.coli*

ProteinLength Full Length (1-605)

Form Lyophilized powder

AA Sequence

MGNDKTNMIIAIALSLAVLLGWNYFVAAPQVERQRQQQAQTSASPSPEGGPSAPV
 PGTLP GASGGNPQAALTREEALARSPRVRIDTEALKGSVALKGGRIDDVALKGYHE
 TVDPKSPE IVLLSPAGSANPYAAEFGWVGQAGPLPNGDTVWTADGDLLTAKKPLT
 LTWDNGAGLVFR RTLSDVDDKYMFTVEDSVENKQSAVTLYPYGLVSRWGPHTQ
 GYYVLHEGLIGVLGDKGL QEYTYDKMAKENPLGSPGTRGLSWPGVTGGFLGITDKY
 WAAATIPDQKTPYTGSTERDE GATKVYQTSSLGEARTLAPGAGVQASQHLFAGA
 KEVSTIDAYRQKLDIKQFDLMIDWGWY YFITKPMFKALDFYKLFNGFGVSILVVTLL
 KLFFLPIANRSYVSMAMKAVQPEMTAI RERYADDKVKQQQAMMELRKEKINPVA
 GCWPVVIQIPVFFALYKVLVFTIEMRHAPFFG WIRDLAAPDPTSVLNLFGLLPFAAPD
 LVHLGVWPIVMGITMFLQMKMNPAPPDPVQAQVF TFMPIIFTFMLGSFPAGLVIYWA
 WNNLLSILQQYWIMRRNGVKVELWDNLRTTFSRSSPV KAAKG

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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; Mnod_5377; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	B8IMM9

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