

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

Cat. No. RFL18241MF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length *Methylobacterium radiotolerans* Membrane protein insertase YidC(yidC) Protein (B1LTW1) (1-617aa), fused to N-terminal His tag, was expressed in *E. coli*.

**Species** *Methylobacterium radiotolerans*

**Source** *E. coli*

**Protein Length** Full Length (1-617)

**Form** Lyophilized powder

**AA Sequence**

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MGNDKTNMFVAIGLSLLVLLGWQYFVAGPRMEQQRQIEAQNKAAQQQPPGVTPDG
VPSPS PKEGGPAAPAGTLPTAQQGPPVSREAAALARSPRVRIETPALSGSIALKGGR
VDDVSLKNY HETIDPKSPEIVLFSPAGTETPYAAEFGWVGANAGPLPTNDTLWTSD
GKTLSPGMPVTLT WDNGAGLVFKRIIAVDDKYMFTIRDEVENKGS GAITLYPYSLVS
RWGKPHTQGYVYLHEG MIGYLGNDGLQEFTYDKLAKEGAYGGANTKGKAWTGVT
GGFVGITDKYWAAAAIPDQDTP YTGAFTRDRTDGATNVYQASVRGDVNLAAGASA
TATQRLFAGAKEVNVINNYEKDLGIKH FDL MIDWG WFFFITKPMFRALDFFYHLFGN
FGVSILVVTFCCLKLLFLPIANRSYVSMAM KAVQPEMAAIRERYKDDRMKQQQATM
ELYKKEKINPVAGCWPVLIQIPVFFALYKVLFIT IEMRHAPFFGWIRDLAAPDPTSIVNL
FGLLPFPAPDFVHLGVWPIIMGITMFVQMKMNP A PPDPVQAQIFTFMPIVFTFMLGS
FPAGLVIYWAWNNTLSVIQQYVIMRRNGVKVELWDNL RSTFRRGNGTKAAATKS
    
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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<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 mutiple 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; Mrad2831_3503; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
<b>UniProt ID</b>	<a href="#">B1LTW1</a>

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