

Recombinant Full Length *Leptospira Interrogans* Serogroup Icterohaemorrhagiae Serovar Copenhageni Membrane Protein Insertase Yidc(YidC) Protein, His-Tagged

Cat. No. RFL22504LF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Leptospira interrogans* serogroup Icterohaemorrhagiae serovar copenhageni Membrane protein insertase YidC(yidC) Protein (Q72VY8) (1-627aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *Leptospira interrogans* serogroup Icterohaemorrhagiae serovar copenhageni

Source *E. coli*

ProteinLength Full Length (1-627)

Form Lyophilized powder

AA Sequence

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MEDRQTRLFLALILSMGIWMGVNYFFFPNTSTKKNTETKQTQSDKTSENTKQQITSG
KTK ESNSADPVVQKEKITPFDTKKSFIVTDSYIVEFSSLGGKISKFYMKDFTGPNGELI
QVAR KNPETVVVDGKSYQAVELSRDKGFDFNFSDSLVEISDSPWNYIQFSLTEDKIN
HSISFSA VSPDRSYQLKKEFRFYPSENYFKLSISIINFSKEKLSFASQKNVRYLRTFGS
LGPYPKDR PLSDRDTANFFRFYLLGGSFQDTLDGSSSVGFWSSVGNFFTGNSGTD
ESFSIKTDKESGV DFAGTGSRYFIAVADPLDHKPHGIVLDNRPKNESGAVLVYDNILL
NPGENYNLDFASYIG IRESEGMAFKNPEFDPSQSKNSPFVGLSSDLNKSFNQGITTP
FRNGIWIWKQIYRFTIP NYGWSIIIFAILFKLVFYPLNQQQADSMKKMQELSPQLKTIN
EKFANDPKMRQQKTMELY KKNVNPVGGCLPMVIQIPIFIALYAFSDTIDLWNSPFL
WVKDLSEPDVIWTSPAIPYF TQTGIGLNLALLMVGTQVFQTRMTSVSMDPNQKML
    
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MYVMPVMMLYIFWNMPSGVTLYWT FQNVLSIGQQWITNHLKKTEEKKKAKV

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; LIC_10157; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC

UniProt ID [Q72VY8](https://www.uniprot.org/entry/Q72VY8)

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