

# Recombinant Full Length Chlamydia Muridarum Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

**Cat. No.** RFL3267CF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Recombinant Full Length Chlamydia muridarum Membrane protein insertase YidC(yidC) Protein (Q9PKE3) (21-787aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Chlamydia muridarum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Full Length (21-787)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | <p>CQIFFGYQDLKSCQDLAEKQRAISEQILASTEQLSVVPWTASAEESVSNQYAVRLG<br/> NRL LVLTKGGAHSEVHSGKTSWKLIDQTSTFGGILVSLYGEDGQEVLSKGGSVYLP<br/> NQQDALP VLVAEFRRNQEPLVFFGEYKNGKLSNKAGTIYGTSLVFLNTGNEFVPLGI<br/> YNSKEECVES LDLPMARAVVFADKENLTTSGSYMLANEYMQVIVSQESGAIEGINL<br/> PFASDREGNKSIV NEIGFDRELAAGSPSEASFPGVQAIDSQRQNVSSVGGYYPLL<br/> RRGTLSDTRKMVSPQYQ ALNIVSGRELSSPVATGFRVVSFDNKT LVLES GDGGIRK<br/> TYTLGEQPYAFDLEIQTTTRGQ EDLWITSGVPEVEIMSNAFVPAVKYHAVKKNKSDLI<br/> NVKLPAKADSLVRNDASPQWILN SNGYFGVILTPKTPLPTGYASSFIPGNAVPTRLT<br/> QLSPKDQAYPASKYPGYTAMLPLPKE AGRYQFMVYAGPLSEPTLKALDRAHTNHK<br/> GESPEYVDAIAFRGFFSFITEPFAALLFIIM KFFQFLTGSWGISIILLTIVLKLVLVPLNA<br/> WSIRSMRRMQKLSPYIQDIQQKYKREPKRA QMEIMALYKVNKNVPITGCLPLIIQIPF</p> |

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LIAMFDLLKSSFLLRGASFIPGWIDNLTAPDV LFSWETPIWFIGKEFHLLPILLGIVMFA  
 QQKISAIKRSGPVSDQQRQQEAMGTMMALLFT FMFYNFPSGLNIYWLSSMLLGVIQ  
 QWATNKILDEKHLQHEVIVNKKR

**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; TC\_0522; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC

**UniProt ID** [Q9PKE3](#)

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