

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

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

SPECIFICATION

Product Overview	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.
Species	Chlamydia muridarum
Source	E.coli
ProteinLength	Full Length (21-787)
Form	Lyophilized powder
AA Sequence	CQIFFGYQDLKSCQDLAEKQRAISEQILASTEQLSVVPWTASAEESVSNQYAVRLG NRL LVLTKGGAHSEVHSGKTSWKLIDQTSTFGGILVSLYGEDGQEVLSKGGSVYLP NQQDALP VLVAEFRRNQEPLVFFGEYKNGKLSNKAGTIYGTSLVFLNTGNEFVPLGI YNSKEECVES LDLPMARAVVFADKENLTTSYSGSYMLANEYMQVIVSQESGAIEGINL PFASDREGNKSIV NEIGFDRELAAGSPSEASFPGVQAIDSQRQNVSSVGGYYPLL RRGTLSDTRKMVSPQYQ ALNIVSGRELSSPVATGFRVVSFDNKTLLVLESDDGGIRK TYTLGEQPYAFDLEIQTTTRGQ EDLWITSGVPEVEIMSNAFVPAVKYHAVKKNKSDLI NVKLPAKADSLVRNDASPQWILN SNGYFGVILTPKTPLPTGYASSFIPGNAVPTRLT QLSPKDQAYPASKYPGYTAMLPLPKE AGRYQFMVYAGPLSEPTLKALDRAHTNHK GESPEYVDAIAFRGFFSFITEPFAALLFIIM KFFQFLTGSWGISIILLTIVLKLVLVPLNA WSIRSMRRMQKLSPYIQDIQQKYKREPKRA QMEIMALYKVNKNVPITGCLPLIIQIPF

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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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