

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

Cat. No. RFL11529CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Chlamydia trachomatis Membrane protein insertase YidC(yidC) Protein (O84253) (21-787aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Chlamydia Trachomatis
Source	E.coli
ProteinLength	Full Length (21-787)
Form	Lyophilized powder
AA Sequence	CQIFFGYRDLKSCQDLAEKQRAISEQILASTEQLSVVPWTASLEESESVNQYAIRLGN RL LLLTKGGSHPEVYSRGTYWSLIEQTSTFGGILVSLYGETGQEVLSKGSSVYLPNQ RDAFP VLVAEFRSNQEPLVFLGEYKDGKIANKAGAIYGTSLVFLNTGNGFVPLGIYN SKEECVES LDLPMARAVVFADKENPTASGSYYMLSNEYMQIVVSQESGAIEGINLPF ASDQEENKSIV NEIGFDRELAINSPSEASFPGVETIDSQRQNIANVVGGYYPLLRGT LSDVKKRVPAQYQ ALNIVSGRELASPVATGFRVVSFDNKTLLILESGDGGIRRTYSLG EQPYAFELEIQTQTQGR EDLWITSGVPEVEIMSNAFVPAVKYHAVKKNKSDLFNVKLP KAKDSSLVRNNATPQWILN SNGYFGVILTPRIPIAGYASSFIPGNVVPTRLSQLPPK DQAYPASKYPGYTAMLPLPKE AGRYQFMVYAGPLADPTLKALDRANANSKGETPE YVDAIAFRGFFSFITEPFAALLFVIM KFFKFLTGSWGISIILLTIVLKLPLYPLNAWSIRS MRRMQKLSPYIQEIQQKYKREPKRA QMEIMALYKMKNVNPITGCLPLLIQIPFLIAMF

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DLLKSSFLLRGASFIPGWIDNLTAPDV LFSWETPIWFIGKEFHLLPILLGVVMFAQQKI
SAVKRSGPASDQQRQQEAMGTMMALLFT FMFYNFPSGLNIYWFSSMLLGVIQQWV
TNKILDEKHLQHEVIINKKR

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; CT_251; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC

UniProt ID [O84253](https://www.uniprot.org/entry/O84253)

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