

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

Cat. No. RFL23823CF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Chlamydia pneumoniae Membrane protein insertase YidC(yidC) Protein (Q7VQ46) (19-795aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Chlamydia Pneumonia
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (19-795)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>CQIFFGYNEFRSCKNLAEKQRKISEQTLAAVESVGLSVASWDTDVNGEEHKNNYAV  RVGD KLFLHNGEAAQSVYSSGESWSFVDHKCGFDNIHLALYRQQGSSFNPTNTG  KVFLPTNHE GLPVLVVEFRNNKEPLVFLGEYAQGRISNKDSTIFGTALVFWRSGSDY  IPLGLYDSREEK LVSLDLPITRAVIFGNDQDSAKSSDTANHLYVLFNDYMQIIVSEESG  SIEGINLPFASTNN KSIVNEIGFDRDLASEKSPEALFPGLSSKLPDGQQAKNSIGGY  PLLRGLLSDSKLLP LEYHALNVVSGRELATPVALRYRVLSYTPHSIQLESLDRSV  QKVYKLPENPEEKPYVFET AITLTKETEDVWVTSGVPEVEIMSNASAPTIKYRVIKKN  KGS�DKVKLPKVKEPLAVRRG VYPQWILNSNGYFGIILTPLEIASGYGSLYISGSTA  PTRLSAISPKNQLYPVSKYPGYE TLLPLPKDAGTHRFLVYAGPLAEPTLKVLDKTITQ  EKGENPEYLDISISFRGVFAFITAPF AALLFIIMKFFKLVGTGSWGISIILLTVFLKLLLYPL  NAWSIRSMRRMQILSPYIQQIQQK YKNEPKRAQMEIMGLYKTNKVNIPITGCLPLLIQL</p>

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PFLIAMFDLLKSSFLLRGASFIPGWI DNLTPDVLFWSQTSIWFIGNEFHLLPILLGIVM  
 FLQQKVTSLHKKGPVTDQQKQQQVMG NMMAILFTAMFYNFPSGLNIYWLSSMILGV  
 VQQWITNKILDSKHLKNEVVLNNKKHR

**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; CPn\_0310; CP\_0448; CpB0319; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC

**UniProt ID** [Q7VQ46](#)

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