

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

**Cat. No.** RFL22328BF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Membrane protein insertase YidC(yidC) Protein (Q7W2K1) (1-563aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Bordetella parapertussis

### Source

E.coli

### ProteinLength

Full Length (1-563)

### Form

Lyophilized powder

### AA Sequence

MDIRRTVLWMIFSFSLLLLWNNWQIHNGKPSLFGGPAPEAAATQQPKADANGTAAS  
 STAS IPSSPAAAPAAASVPGAAAPAAAKSEQVVITTDVLRITFDSNGAQLIRAELLY  
 PSSSQS DKPTVLMDRSADLVYVAQTGVVGPQGESFPHTQTPFHLVSSERSLTGD  
 TLDVVFEAESG GLKVTKTYTLHRGRYDQDVRHAMANTGGAPLSPALYLQLERDGT  
 DPAGTSSFYHTFTGVA VYSEQDKFQKVTFSDIEKKKGTIYKQADNGWIGIVQHYFAT  
 AWIPAQGGKQRTNELLQVQQ NLYAARTIEAVGTIAPGSSANVDAHLWVGPQDQKAM  
 AAVAPGLELVVDYGWLTIIAKPLF TLMTWLHGLLGNWGTIVALTVIIKAVFFPLAAA  
 SYRSMARMKQVAPRLQALKEYGDDR QKLNQAMMEMYRTEKINPLGGCLPMVVQI  
 PVFIALYWVLLASVEMRGAPWILWVHDLVSR DPFFILPAIMMATMFLQIKLNPTPPDP  
 VQAKVMMIMPLVFGGMMFFFPAGLVLYWCVNNT LSIAQQWTITRNLERQAAAAAN  
 R

### Purity

Greater than 90% as determined by SDS-PAGE.

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<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	yidC
<b>Synonyms</b>	yidC; BPP4405; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
<b>UniProt ID</b>	<a href="#">Q7W2K1</a>

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