

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

Cat. No. RFL15174PF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length *Pseudoalteromonas atlantica* Membrane protein insertase YidC(yidC) Protein (Q15MS7) (1-543aa), fused to N-terminal His tag, was expressed in *E. coli*.

**Species** *Pseudoalteromonas atlantica*

**Source** *E. coli*

**Protein Length** Full Length (1-543)

**Form** Lyophilized powder

**AA Sequence**

```
MESQRSFLLIGLAMVSFLLWQQWQVDYGPQPAQPVESQQTGSDAPNSNGDVPIA
TPTNK SALPTQSVVGKVISVTTDTLQLSINTVGGDVISANLLKYPLEQGSQGTYSLLR
PSGPTIF VAQSGLVGTNGIDKGSRPTYSVSQDSFVMEGDSLTVPLTYTAKSGLLVTK
EFIFSKNSHE VKVNYHVENTSSDVKSVKQFGQLKQSTADQGGSMFMPTRYGGAFS
TEDERYEKYSFDDMQ DKNLNQVTPAGWTAMIEHYFVSAWVPPQDQTNSLYSKMT
QNGNAIIGFIGQSVDIEPGQS VDIQSSLYLGPKDQDTLEKIARGLDLTVDYGFLWWIS
KYLFAFLQFIHSLIGNWGFSSIL ITIVVKGAMYPLTKAQYESMAKMRALKPKMDALKER
YGDDKQKMQQAMMEMYKKDKVNPM GGCFFLLLQMPIFLALYWVLLESVELRHANF
IFWITDLSVKDPYFVLPILTGLSMYLLQK LQPM TMTDPMQQKIMQFMPVAMSLFFFIF
PAGLVLYWLISNIITLIQAKIIYASMEKRGL KTK
```

**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; Patl_4312; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
<b>UniProt ID</b>	<a href="#">Q15MS7</a>

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