

Recombinant Full Length *Shewanella Piezotolerans* Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL16734SF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Shewanella piezotolerans* Membrane protein insertase YidC(yidC) Protein (B8CH68) (1-542aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *Shewanella piezotolerans*

Source *E. coli*

Protein Length Full Length (1-542)

Form Lyophilized powder

AA Sequence

```
MESQRNILLIGLLFVSFLLWQQWQADKAPQPVAQTQSSVAPSTVADAHSSDVPDAD
SALP ETVTASKELITVTTDQFVLKIDPVGDIVHSALLSHKLEQDGDPPFVLEQTNDI
YYIAQ SGLIGRDGIDSSTTGRAHFDSASREYDLAQDTLEVPLTYLAANGVTYTKLF
TFYRGKHN VDVDYQINNTSDAQLQVQMYGQIKHSIKKSESSMMMPTYRGAAFSTA
DTRYEKYSFDDMA DKNLNKSTLGGWVAMLQHYFVSAWVPPENDKNIIFSSVSAGG
LANIGFRGALYDIAPGTE QSIKAQFYVGPKDQEALSALSES LNLVVDYGFLLWLAIP
HWLLMFYQSFVGNWGVAIL ITLTVRGMLYPLTKAQYTSMAKMRNLQPKLADMKER
FGDDRQKMGQAMMELYKKEKVNPM GGCLPILLQMPIFIALYWVLLSEYELRHAPFM
LWITDLSVQDPYYVMPILMGVSMFIMQK MQPMAPTMDPMQVKMMQWMPVIFTVFF
LWFPAGLVLYWLVGNLVAITQQKIIYAGLEKKG LK
```

Purity Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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; swp_0012; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	B8CH68

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA