

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

Cat. No. RFL32530GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Geobacter bemidjiensis Membrane protein insertase YidC(yidC) Protein (B5EGX9) (1-537aa), fused to N-terminal His tag, was expressed in E. coli.

Species Geobacter bemidjiensis

Source E.coli

ProteinLength Full Length (1-537)

Form Lyophilized powder

AA Sequence

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MEKRLIIAVLLSIGVLYAYSFIFPTPKPLTAPGAKQAAMSSASAPALPAAVAPTAGTAP
L AAPAPQAGQAPAVAKDVTVDLTYAVFSTQGGGLKKFVLKKYKETVGPQGKDIV
LVNET AANRYALLSDSREFGLSPDALYSASTGEVKVTNGGKGSLEFTTTTTSQGIFR
KVYTFSGD AYRIGLTEEVDQVQAGNVALTGAVHLLQTSRVVEAKKEGRYEVHAPSTLS
EGKVKVDKLDNL LKNPVQYGKDIAWSAFADKYFMDGIIADKGSISQVRITRPANDAIQ
RDIVSPTVTVPAGQ RSAVNYAVYYGPKDLILKLGQNRLEVIDYGWFGPIAKPLVH
SLKFLYKYTGNYGIAII IITFILKLVFFPLTHKSYKSMKDMQKLQPKMTELKEKFKNDRD
AMNRAVMELYKTHKVNP LGGCLPMVVQIPVFFGLYRALMYSIELRHAPFYLWITDLS
AKDPYYVTPIIMGVTMFIQQ KMTPTNMDPVQAKMMLMLPIVFTFMFLNFPSTGLVIYW
LVNNVLTIAQQMYINKAVAD
    
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Purity Greater than 90% as determined by SDS-PAGE.

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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 multiple 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; Gbem_4059; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	B5EGX9

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