

Recombinant Full Length Vesicomysocius Okutanii Subsp. Calyptogena Okutanii Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL2302VF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Vesicomysocius okutanii subsp. Calyptogena okutanii Membrane protein insertase YidC(yidC) Protein (A5CVI2) (1-541aa), fused to N-terminal His tag, was expressed in E. coli.

Species Vesicomysocius okutanii subsp. Calyptogena okutanii

Source E.coli

ProteinLength Full Length (1-541)

Form Lyophilized powder

AA Sequence

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MNNQKFFLIIAIFLSIFLLWDKWEITHDIDKNNNLISQTKIKNTSTINNSLTNQNLDIPS V
TNRNNKLDLPNTDTKNQIPFTTVKTDLLTLEISHKGGTIQNAWLNDYPIEIDSEQKFQL
LSDRTGKIFQAQSGLLPQGKMPHHSIFSSKNIYYQMDGNLVPFTWKESENGIIVN
KRY HFNKNSYVVGIDYQITNTTNTLHITSYQLIRNIPDQDNMIMPTYTGGARFNDQ
DVYEK IEFEDFDDQPKTSYKGGWMAMIEHYFFVAVIPNLNQIHTYSSKIINDKYLLTV
VNPESL APGATKTIINSNLYIGPKEQSHIDNVAPGLDKTVDYGILFIIAKPLSELLNWIY
SIIHSW GYSIIILTLLIKLAIFYKLSEKSYRSMAGMRQLAPRLKCLKETYGDNKQKLGKK
TMELYKK EKINPASGCLPILVQIPVFISLYWVLEMLVLRQAPFWYLTDLSAPDPYYIL
PLIMGISM FIIQKLNPPPPDPIQAKIMMALPFVFTIFFLWFPSGLVLYWMINNLSITQQ
WVINKRIN N
    
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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 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; COSY_0941; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	A5CVI2

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