

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

Cat. No. RFL14521CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Chlamydomonas caviae Membrane protein insertase YidC(yidC) Protein (P59809) (19-794aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Chlamydomonas caviae
Source	E.coli
ProteinLength	Full Length of Mature Protein (19-794)
Form	Lyophilized powder
AA Sequence	CQIFFGYNDFRSCRTLTEKQKTITEQVLAATKSMGLSVSPWTTSLLEETNKNHYAVR VGD KLLLLNQGSASSVYSSGVRWNFIEETTACDNIHVALYGEANETTTSPNMGKV FLPVTNE DLPVLVVEFRNNQEPVVFLGQYKQEQGKVYNKDSAVYGTSLVFWRSNGN EYLPLGIYNSKE ERLESLDLPITKAAVFSDSKSANAGANSAQYFVLSNEYMQLVLSQE SGSIEGINLPFSSE DNKSIVNEIGFDRELKAQVPSEASFPGLPSVGANNQPVSDTVG GYYP LLRRGILSDAKKR TPSSYHALNIVSGRELTNSVASGYRVSTFNSTMLELESND GSIKKTYKLPQQQPYAFEVE VGVNRSDDLWITSGIPEVEIMSNAFTPAIKYHVIKKN KGQLDKVKLPKAKDPLALRSGV YPQWILNSNGYFGIILSPLTDIPAGYAASYVPGSSV PTRLSLLSPKNQAYPASKYPGYET LLPLPQKEGTHRFLVYAGPLADPTLRVLDKAYT NSKGESPQYLDLCITFRGFFAFITEPFA ALLFIIMKFFRMITGSWGISIILLTVFLKLLLYP LNAWSIRSMRRMQKLSPYIQEIQQKY KKEPKRAQMEVMALYKTNKVN PITGCLPLLI

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QLPFLIVMFDLLKSSFLLRGASFIPGWID NLTAPDVLFSWTTTPVWFLGNEFHLLPILLG
IVMFAQQKISASKKKGPATDQQRQQETMGT MMALLFTFMFYNFPSGLNIYWFSSML
LGLIQQWFTNKILDSKHLKNEISVNKKKQR

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 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; CCA_00472; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC

UniProt ID [P59809](#)

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