

Recombinant Full Length Deinococcus Radiodurans Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL1960DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Deinococcus radiodurans Membrane protein insertase YidC(yidC) Protein (Q9RSH5) (1-428aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Deinococcus radiodurans
Source	E.coli
ProteinLength	Full Length (1-428)
Form	Lyophilized powder
AA Sequence	MVAGRKAFALQAGDALSPDKPAEAQPAQVKTDLAANRQDAVFRYAQNGVQVTKTIT LHPR NFKVDVRTEVRNGPAQVNMLFPGLGKADNPRVQAVPVGGQPASVQGSGL SVQNIQYAAL QENPSQIAHALIVRPQQGKVDVQLTGGPQGLVTATLPATSSLEVYG GKNELIHLYQSGY TELPGLFQPNFFGQISLLIVKLMEALYKVIGNWGLVIMALTILLRL VMWPLMQAQRRTTA RMQLVQPLQKEIQEKYKGGKTDPESSRAMQMEMAQLMRDY QVNPAGCFSTLLPFPVLIALW ATIRNFEFDSGFLWLPDLATPDPFYILAVIYLFVNLGQ LYVSTRKTPEMFRQQAMIYLVF LYFALTFPSTVLYIILSTIIGIVQQIIINKQVEHETAS LGQTVQKVAPGTRPASKTTVT KTIDAPKK
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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; DR_2149; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC

UniProt ID

[Q9RSH5](#)

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