

Recombinant Full Length Salmonella Agona Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL17092SF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Salmonella agona Membrane protein insertase YidC(yidC) Protein (B5EYX5) (1-548aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Salmonella agona

Source

E.coli

ProteinLength

Full Length (1-548)

Form

Lyophilized powder

AA Sequence

MDSQRNLLVIALLFVSFMIWQAWEQDKNPQPQTQQTTQTTTAAAGSAADQGVPAS
 GQGKM ITVKTDVLDLTINTRGGDVEQALLPAYPKELGSNEPFQLETTTPQFIYQAQS
 GLTGRDGP DNPANGPRPLYNVEKDAFVLADGQNELQVPMTYTDAAAGNTFTKTFVF
 KRGDYAVNVNYSV QNTGEKPLEVSTFGQLKQSVNLPPHRDTGSSNFALHTFRGAA
 YSTPDEKEYEKYKFDTIAD NENLNVSSKGGWVAMLQQYFATAWIPRNDGTNNFYTA
 NLGNGIVAIGYKAQPVLVQPGQT GAMTSTLWVGPEIQDKMAAVAPHLDLTVDYGWL
 WFISQPLFKLLKWIHSFVGNWGFSSIII ITFIVRGIMYPLTKAQYTSMAKMRMLQPKIQA
 MRERLGDDKQRQSQEMMALYKAEKVNPL GGCFLIIQMPIFLALYYMLMGSIELRH
 APFALWIHDLSAQDPYYILPILMGVTMFFIQK MSPTTVTDPMQQKIMTFMPVIFTVFF
 LWFPSGLVLVYYIVSNLVTIIQQQLIYRGLEKRGL HSREKKKS

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 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; SeAg_B4069; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	B5EYX5

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