

Recombinant Full Length Thioalkalivibrio Sp. Membrane Protein Insertase Yidc(Yidc) Protein, His-Tagged

Cat. No. RFL36076TF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Thioalkalivibrio sp. Membrane protein insertase YidC(yidC) Protein (B8GRD1) (1-557aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Thioalkalivibrio sulfidiphilus
Source	E.coli
ProteinLength	Full Length (1-557)
Form	Lyophilized powder
AA Sequence	MDNLRPVLYLSMLLVFLIWQAWN RDYGPQPV AAPGAQE QVM DRDGV PAPPQDVP DAPVS EAVDAPTEVAPAEPDRRRIRV VTDVLDIEIDTRGGDLVRADLPTYPVSLRTP DQPIRLLD ERFRQYVAQSGLIHDRVPGVSGEGRAPSHHAIFQAERDEFRLADGQDE LRVPLTWTS EDG VQVT KTYTFRRGDFLINVDHAVRNNSDQPWVGRQYRQIRHGST PSRESWFLYTFTGVAYH DGRYEKLSLED MAGKPLDKDVQGGWISIIQHYFLTAWVP FEHEINQFYTRVLGTPARPEH IIGMRSEAQTAAPGEETVFTSRFWVGPKEQAALKAI QPGLELTVDYGMLSFLAKPLFWVL DWIHNVVGNWGWAIILTILIKLVFYKLSETSYRS MAKMRAVQPKMMQLKDRYGDDKQRM NQALMELYKKEKINPLGGCLPILVQIPVFIA LYWVLLESVEMRQAPWILWIQDLSVRDPY FILPILMGVTMIAQYKLN PAPMDPIQKQL MMALPFVFTVFFAFFPAGLVLYW FVNLLSI AQQWYITR NIEKAGKKG
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; Tgr7_3318; Membrane protein insertase YidC; Foldase YidC; Membrane integrase YidC; Membrane protein YidC
UniProt ID	B8GRD1

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