

Recombinant Full Length Streptococcus Pyogenes Serotype M3 Membrane Protein Insertase Yidc 1(Yidc1) Protein, His-Tagged

Cat. No. RFL3057SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Streptococcus pyogenes serotype M3 Membrane protein insertase YidC 1(yidC1) Protein (P0DC87) (26-275aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Streptococcus pyogenes serotype M3
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-275)
Form	Lyophilized powder
AA Sequence	CGRGEVTAQSSSGWDQLVYLFARAIQWLSFDGSIGVGILFTLTIRLMLMPLFNMQIK SS QKMQDIQPELRELQRKYAGKDTQTRMKLAEEESQALYKKYGVNPNYASLLPLLIQM PVMIAL FQALTRVSFLKTGTFLWVELAQHDHLYLLPVLA AVFTFLSTWLTNLAAKEKN VMMTVMIIY VMPLMIFFMGMFNLASGVVLYWTVSNAFQVVQLLLLNNPFKIIAERQRLA NEEKERRLRER RARKKAMKRK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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	yidC1
Synonyms	yidC1; SPs0181; Membrane protein insertase YidC 1; Foldase YidC 1; Membrane integrase YidC 1; Membrane protein YidC 1
UniProt ID	P0DC87