

Recombinant Full Length Lactobacillus Plantarum Dna Translocase Ftsk(Ftsk) Protein, His-Tagged

Cat. No. RFL16LF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Lactobacillus plantarum DNA translocase FtsK(ftsK) Protein (Q88V72) (1-795aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Lactobacillus plantarum
Source	E.coli
ProteinLength	Full Length (1-795)
Form	Lyophilized powder
AA Sequence	MARRQATTKKRRTSTRKKKPTVAAKRQMTGNVIGLIGLLVTILALLKVGLVGMVFAEF FR AIAGNAYQIFAGLTLLVMGYLMIFGRWPRLTWRWWVGGNLLLLLEIPMFN QLNHH TDFWSLTWNLIKNDFAKGGMASNLGGGLVGAAGYSVTYPLLANVGILIALI LMVASIYI TFDLPFHKTMQALRQALMQLGQQLRSGYEWLTHVLRVQIARWRVHQV RANQAASTEKQP TSTVPQSAAPAETTSGETSAPDSAASAVTSSPADLNITVASDREA SPIKSPTSAAATVDHEQ ELQGTVMDDADYQLPESTLLTKIPKTDQSAEYATIESNSQ KLTTTLASFGVQVEVKNS LGPSVTKYELHPAVGVKVKSVVNLADDLALALAAKDLR IEAPIPGKSLIGIEVPNKQIST VSFRDIVEAQPAHPTKPLAVPLGRDVSGNLVVADLSK MPHLLIAGSTGSGKSVAINVMIT GLLMNTKPSQVKFMLIDPKKVELGVYNGIPHLLTP VVTEPKKAARALHKVVAEMERRYEL FADSKQRNMQGYNQYIRQQNAADGQSRPVL PYIVVVVDELADLMMVTSSEVEDAIIRLGQ MARAAGIHMILATQRPSVDVITGLIKANV PSRMAFAVSSGTDSRTIIDSNGAEKLLGRGD MLYQPMGMNKPLRVQGAYISDHDV

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EEVNFIIKAQQTADYDDSMMLVKDDDETAAGSGDPRD GEDEYYAEAVELVTDQQSA
SVSMLQRRFRIGYNRAARIVDEMEERGTVGPSEGSKPRKVY RQKSADEAPASGND
A

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 ftsK

Synonyms ftsK; lp_2210; DNA translocase FtsK

UniProt ID [Q88V72](#)

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