

Recombinant Full Length Rickettsia Felis Dna Translocase Ftsk(Ftsk) Protein, His-Tagged

Cat. No. RFL7749RF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rickettsia felis DNA translocase FtsK(ftsK) Protein (Q4UJY1) (1-745aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rickettsia felis

Source

E.coli

ProteinLength

Full Length (1-745)

Form

Lyophilized powder

AA Sequence

MLYYINKILSNNKVQAVILGIIGFAIVTVLTSYNIDDPSFNSVTTEYPSNLVGVFGSYLS
 DFLYQFFGLAAFIPLACFVWSRNCWYGRYRGSFIRIFVMLLALISSSTLLSKIKLEFIP
 ANAGGAVGIIASNFFERFTNQLYLLLIFFTFIILVLLLEIKFTSLSNFIKLGKFLIYRV QSF
 LHNIFSQLSSVRLFPPTKNNDKINITSSYQKPVSEKVKFTEEAKVPANPIKFFSKPP AV
 PKISQSEIAELPPISLLRDPENHNKVGASSSELKQKAEELLTVLNDFGVKGHIININQ G
 PVVTQYEFEPAAAGTKTSRVVGLSDDIARSLALSTRIAVIPGKNVGLIPLNKQREFFC
 LKELIETPEYQDKSTLLPLVLGKDLAGKPLIADLAKMPHLLVAGTTGSGKSVGINAMIV
 S LLYRYTPEECRFIMIDPKMLELSAYDGIPHLLTPVVTEPSKAVVALKWAVKEMENR
 YRMM SNIGVKNIAGYNAKILEAVKENRVIERSIQTFDPETGKPIYETVTMMEKLPY
 IVVIVD EMADLMLVAGKDIEMLIQRLAQMARAAGIHIIMATQRPSVDVITGVIKANFPS
 RISFKVT SKIDSRTILGEQGSEQLLGMGDMLFMGNTSKISRVHGPVNEAEIEKITEY
 LKETGTPEY ISAVTEQPEEDDSSIDIGDGTSDVLYKKAVQIVRDERKSSISYIQRSLR

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IGYNKAANLV EKMEKEGIVSPPNHTGKREILLPER

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; RF_1307; DNA translocase FtsK

UniProt ID [Q4UJY1](#)

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