

# Recombinant Full Length Staphylococcus Epidermidis Dna Translocase Ftsk(Ftsk) Protein, His-Tagged

Cat. No. RFL32208SF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Staphylococcus epidermidis DNA translocase FtsK(ftsK) Protein (Q5HPR5) (1-797aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Staphylococcus Epidermidis

### Source

E.coli

### ProteinLength

Full Length (1-797)

### Form

Lyophilized powder

### AA Sequence

MPQAKKRTSTKRKGNKKTNKKKQNETPLRYIFSIIIVILILGAFQLGIIGRMIDSFFNY  
 LFGMSRYLTYILVLIATIFITYSKQIPRTRRSIGAIVLQLALLFIAQLYFHFSHNITSQR EP  
 VLSFVYKAYEQTHFPNFGGGLIGFYLLKLFIP LISIVGVIIITILLASSFILLLNLR HRDVT  
 KSLFDNLKSSSNHASESIKQKREQNKIKKEEKAQLKEAKIERKKQKKSQRQNNVI KD  
 VSDFPEISQSDDIPIYGHNEQEDKRPNTANQRQKRVLDNEQFQQSLPSTKNQSINNN  
 Q PSTTAENNQQSQAEGSISEAGEEANIEYTPPLSLLKQPTKQKTTSKAEVQRKG  
 QVLES TLKNFGVNAKVTQIKIGPAVTQYEIQPAQGVKVKIVNLHNDIALALAAKDVRT  
 EAPIPG RSAVGIEVPNDKISLVTLKEVLEDKFPSKYKLEVGIGRDISGDPISIQLNEMP  
 HLLVAGS TGSGKSVCSINGIITSILLNTPHEVKLMLIDPKMVELNVYNGIPHLLIPVVTN  
 PHKASQA LEKIVSEMERRYDLFQHSSTRNIEGYNQYIRKQNEELDEKQPELPYIVVIV  
 DELADLMMV AGKEVENAIQRITQMARAAAGIHLIVATQRPSVDVITGIIKNNIPSRIAFV  
 SSQTDSRTI IGAGGAEKLLGKGDMLYVGNGESTTTTRIQQAF LSDQEVQDVVNYVVE

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QQKANYVKEMEPD APVDKSEMKSEDALYDEAYL FVIEKQKASTSLLQRQFRIGYNR  
ASRLMDDLERNQVIGPQ KGSKPRQILVDLENDEV

**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 multiple 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; SERP0843; DNA translocase FtsK

**UniProt ID** [Q5HPR5](#)

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