

Recombinant Full Length Clostridium Acetobutylicum Dna Translocase Ftsk(Ftsk) Protein, His-Tagged

Cat. No. RFL13895CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Clostridium acetobutylicum DNA translocase FtsK(ftsK) Protein (Q97I41) (1-765aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Clostridium Acetobutylicum
Source	E.coli
ProteinLength	Full Length (1-765)
Form	Lyophilized powder
AA Sequence	MVTIKINNNVHIILEVIYLP RNKQYKKNKQDKISETTLNSDIAGISIFAFGAFAAVSMFF T SFTGIIIGNGMKKLLFTLVGIGAYIFPILLMFIGVCYLIKKGKITFSKRFGVNIHIIINT LMLI QMQLSLYYNGNILDGIKKIYESSDTFHGGVISYILDVPIYKLFKGKGYFVLFITLY IISFL LVSEKSAGEIIRENLKKKPLKKT KPSVDETKTMDYENDNKKDKDETLAKKISSKIK IVDF MKNEGNVDSNKGQALEEIAVYDSA EKNENESKVIGAELEDAIGQTSSNNSDITYEF P PISLLNVNETSKLKKSDKKELLSSAEKLTETLNSFGVDAKVIQVSKGPSVTRYELQPS A GVKVSKIINLSDDIALNLAASGVRIEAPIPGKSAIGIEVPNKDLTAVFLSEVIQSETFS N SKSNLAFALGKDIGGNCVVTDLTKMPHLLIAGATGSGKSVCINTLIISLLYKCAPT DV KL LMIDPKVVVELSVYNGIPHLLIPVVTNPKKAAGALNWAVNEMTKRYKLFAENNV RN EGYN DLYTKNKVESKLPWIVIIIDELADLMMVCPNDVEDYIGRLAQMARAAAGMHLVIA TQRPSV DVITGVIKANIPSRISFAVSSQIDSRTILDTSGAEKLLGKGDMFNPVGESKP IRIQGAF INEEEVERVVG FIRNESTETQYKEEIEQINSNVSKSEGDEDELLEEALKIIE

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	TKQAST SLIQRKLRIGYNRAARIMDQLEEKGYISAKDGTKPRNILVDKDDL
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; CA_C1812; DNA translocase FtsK
UniProt ID	Q97I41

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