

Recombinant Full Length Escherichia Coli O45:K1 Ferrous-Iron Efflux Pump FieF(FieF) Protein, His-Tagged

Cat. No. RFL5693EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Escherichia coli O45:K1 Ferrous-iron efflux pump FieF(fieF) Protein (B7MI47) (1-300aa), fused to N-terminal His tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Full Length (1-300)
Form	Lyophilized powder
AA Sequence	MNQSYGRLVSRAAIAATAMASLLLLIKIFAWWYTGSVSILAALVDSLVDIGASLTNLLV V RYSLQPADDNHSFGHGKAESLAALAQSMFISGSALFLFTGIQHLVSPTPMTDPGV GVIV TIVALICTIILVSFQRWVVRRTQSQAVRADMLHYQSDVMMNGAILLALGLSWY GWHRADA LFALGIGIYILYSALRMGYEAVQSLLDRALPDEERQEIIDIVTSWPGVSGA HDLRTRQSG PTRFIQIHLEMEDSLPLVQAHMVADQVEQAILRRFPGSDVIIHQDPCS VVPREGKRSMLS
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

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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**

fieF

Synonyms

fieF; ECS88_4365; Ferrous-iron efflux pump FieF

UniProt ID

[B7MI47](#)

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