

eFIMC recombinant protein

eFIMC, 37-241aa, E Coli, His tag, E Coli

CATALOG # AAA48681	HOST E Coli	APPLICATIONS SDS-Page
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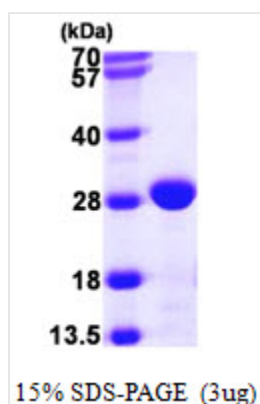
PRODUCT SYNONYMS

eFIMC; 37-241aa; E Coli; His tag; Periplasmic chaperone required for type 1 fimbriae; Periplasmic chaperone; required for type 1 fimbriae; ECK4307; JW4279; ; eFIMC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 1mM DTT.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGVALGATRV IYPAGQKQEQ LAVTNNDENS TYLIQSWVEN ADGVKDGRFI VTPPLFAMKG KKENTLRILD ATNNQLPQDR ESLFWMNVKA IPSMDKSKLT ENTLQLAIS RIKLYYRPAK LALPPDQAAE KLRFRRSANS LTLINPTPY LTVTELNAGT RVLENALVPP MGESTVKLPS DAGSNITYRT INDYGALTPK MTGVME
Sequence Length	241
Applicable Applications for eFIMC recombinant protein	SDS-PAGE
Antigen Species	E Coli
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for eFIMC recombinant protein	The 23 kDa two-domain periplasmic chaperone FIMC from Escherichia coli is required for the assembly of type-1 pili, which are filamentous, highly oligomeric protein complexes anchored to the outer bacterial membrane that mediate adhesion of pathogenic E. coli strains to host cell surfaces and persist in macrophages. Recombinant E. coli FIMC protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for eFIMC recombinant protein	Heat Shock Proteins
References	Hermanns u., et al. (2000) Biochemistry. 39 (38):11564-70.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49176488
NCBI GeneID	948843
NCBI Accession #	NP_418736
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P31697; P71220; Q2M5Z7
Molecular Weight	25 kDa (226aa), confirmed by MALDI-TOF
NCBI Official Full Name	periplasmic chaperone
NCBI Official Symbol	fimC
NCBI Official Synonym Symbols	ECK4307; JW4279
NCBI Protein Information	periplasmic chaperone
UniProt Protein Name	Chaperone protein FimC
UniProt Gene Name	fimC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fimc-recombinant-protein-e-coli-sds-page/48681>