

**AR09871PU-L****E. coli fimC (37-241, His-tag) - Purified**

<b>Alternate names:</b>	Chaperone protein fimC, JW4279, b4316
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">P31697</a>
<b>NCBI:</b>	<a href="#">AP_004808</a>
<b>GeneID:</b>	<a href="#">948843</a>
<b>Species:</b>	E. coli
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% <b>Buffer System:</b> 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT
<b>Description:</b>	Recombinant E. coli FIMC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> <u>MGSSHHHHHH</u> SSGLVPRGSH MGVALGATRV IYPAGQKQEQ LAVTNNNDENS TYLIQSWVEN ADGVKDGRFI VTPPLFAMKG KKENTLRILD ATNNQLPQDR ESLFWMNVKA IPSMDKSKLT ENTLQLAIS RIKLYYRPAK LALPPDQAAE KLRFRRSANS LTLINPTPY LTVTELNAGT RVLENALVPP MGESTVKLPS DAGSNITYRT INDYGALTPK MTGVME <b>Molecular weight:</b> kDa (226aa), confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Hermanns U., et al. (2000) Biochemistry. 39(38):11564-70.

Pictures:

Recombinant E. coli FIMC, 37-241 aa, His-tagged

