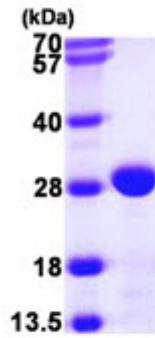


E. coli fimC (37-241, His-tag) - Purified

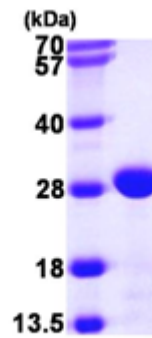
Alternate names:	Chaperone protein fimC, JW4279, b4316
Catalog No.:	AR09871PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	The 23 kDa two-domain periplasmic chaperone FIMC from Escherichia coli is required for the assembly of type-1 pili, which are filamentous, 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.
Uniprot ID:	P31697
NCBI:	AP_004808
GeneID:	948843
Species:	E. coli
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT
Description:	Recombinant E. coli FIMC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGVALGATRV IYPAGQKQEQ LAVTNNNDENS TYLIQSWVEN ADGVKDGFRF VTPPLFAMKG KKENTLRILD ATNNQLPQDR ESLFWMNVKA IPSMDKSKLT ENTLQLAIIS RIKLYYRPAK LALPPDQAAE KLRFRRSANS LTLINPTPY LTVTELNAGT RVLENALVPP MGESTVKLPS DAGSNITYRT INDYGALTPK MTGVME Molecular weight: kDa (226aa), confirmed by MALDI-TOF
Storage:	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.
General Readings:	Hermanns U., et al. (2000) Biochemistry. 39(38):11564-70.

Pictures:



15% SDS-PAGE (3ug)

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



15% SDS-PAGE (3ug)