

## 32-3836: FIMC Recombinant Protein

**Alternative Name :** Chaperone protein fimC,fimC,b4316,JW4279.

### Description

Source : Escherichia Coli. FIMC E.Coli Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 226 amino acids (37-241 a.a.) and having a molecular mass of 25kDa. The FIMC is purified by proprietary chromatographic techniques. The 23kDa two-domain periplasmic chaperone FIMC from E.coli is vital for the assembly of type-1 pili, which are filamentous, very 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.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The FIMC solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.
<b>Storage condition :</b>	FIMC should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGVALGATRV IYPAGQKQEQ LAVTNNDENS TYLIQSWVEN ADGVKDGRFI VTPPLFAMKG KKENTLRILD ATNNQLPQDR ESLFWMNVKA IPSMDKSKLT ENTLQLAIIS RIKLYYRPAK LALPPDQAAE KLRFRRSANS LTLINPTPY LTVTELNAGT RVLENALVPP MGESTVKLPS DAGSNITYRT INDYGALTPK MTGVME.