

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

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The FIMC solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MGVALGATRV IYPAGQKQEQ LAVTNNDENS TYLIQSWVEN ADGVKDGRFI VTPPLFAMKG KKENTLRILD ATNNQLPQDR ESLFWMNVKA IPSMDKSKLT ENTLQLAIIIS RIKLYRPAK LALPPDQAAE KLRFRSANS LTLINPTPY LTVTELNAGT RVLENALVPP MGESTVKLPS DAGSNITYRT INDYGALTPK MTGVME.

