

## FIMC E.Coli

**Description:** 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.

**Catalog #:** PRPS-127

For research use only.

**Synonyms:** Chaperone protein fimC, fimC, b4316, JW4279.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGVALGATRV IYPAGQKQEQ  
LAVTNNNDENS TYLIQSWVEN ADGVKDGRFI VTPPLFAMKG KKENTLRILD ATNNQLPQDR  
ESLFWMNVKA IPSMDKSKLT ENTLQLAIIS RIKLYYRPAK LALPPDQAAE KLRFRRSANS  
LTLINPTPY LTVTELNAGT RVLENALVPP MGESTVKLPS DAGSNITYRT INDYGALTPK  
MTGVME.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

The FIMC solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.

**Stability:**

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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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.

**To place an order, please [Click HERE](#).**