

Recombinant Escherichia coli fimC, His-tagged

Cat.No:DAG1666

Lot. No. (See product label)

PRODUCT INFORMATION

species	E. coli
Applications	Functional Study; SDS-PAGE
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Concentration	1 mg/mL
Buffer	In 20 mM Tris-HCl, pH 8.0 (1 mM DTT, 10% glycerol)
Source	E. coli
Tag	His
Form	Liquid
Molecular Mass	25kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGVALGATRVIPAGQKQEQLAVTNNDENSTYLIQSWVENADGVKD G R F I V T P P L FAMKGKKENTLRILDATNNQLPQDRESLFWMNVKAIPSMDSKLTENTLQLAISRIKLYYRPAKLALPP D Q A A E KLRFRRSANSLTLINPTPYLLTVTELNAGTRVLENALVPPMGESTVKLPDAGSNITYRTINDYGALTPK MTGVM E
Purity	Conventional Chromatography

Background

Introduction	FimC has Ig-like domains: pfam PF00345 aligns to N-terminal residues 37-157, and pfam PF02753 aligns to C-terminal residues 161-237. [More information is available at EcoGene: EG10310]. FimC is a member of the periplasmic chaperone family which functions in the chaperone-usher pathway and is indispensable in the biogenesis of the type 1 pilus fiber of Escherichia coli .
Keywords	ECK4307; JW4279; chaperone; periplasmic; fimC; E. coli fimC