

Recombinant Escherichia coli fimH Protein, His-tagged

Cat. No. fimH-23E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli fimH Protein, fused to His-tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
Description	Mutants of FimH have been isolated that auto-aggregate. Type 1, or mannose-sensitive, fimbriae in Escherichia coli mediate binding to receptor structures allowing the bacteria to colonize various host tissues.
Form	PBS, pH 7.4
Molecular Mass	29 kDa
AA Sequence	FACKTANGTAIPIGGGSANVYVNLAPVVNVGQNLVVDLSTQIFCHNDYPETITDYVTL QRGSAYGGVLSNFSGTVKYSGSSYPFPTTSETPRVVYNSRTDKPWPVALYLTPVSS AGGVAIKAGSLIAVLILRQTNNYNSDDFQFVWNIYANNDVVPTGGCDVSARDVTVT LPDYPGSVPIPLTVYCAKSQNLGYYLSGTTADAGNSIFTNTASFSPAQGVGVQLTRN GTIIPANNTVSLGAVGTSVSLGLTANYARTGGQVTAGNVQSIIGVTFVYQ
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration 1.4 mg/ml

GENE INFORMATION

Gene Name fimH type 1 fimbriae D-mannose specific adhesin [Escherichia coli str. K-12 substr. MG1655]

Official Symbol fimH

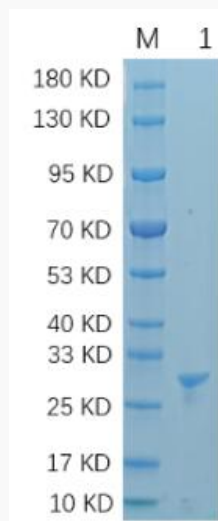
Synonyms ECK4311; pilE

Gene ID 948847

Protein Refseq NP_418740

UniProt ID P08191

SDS-PAGE



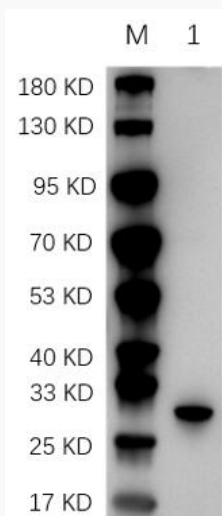
Reducing 12% SDS-PAGE analysis profile of purified Fimh (CBB stained).

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WB



Reducing 12% WB analysis profile of purified Fimh (Primary antibody: mouse anti-his antibody).

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