

FimH recombinant protein

Recombinant Escherichia coli protein FimH

CATALOG #
AAA309757

HOST
E Coli

PRODUCT SYNONYMS

FimH; Recombinant Escherichia coli protein FimH; FimH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence	FACKTANGTA IPIGGGSANV YVNLAPVVNV GQNLVVDLST QIFCHNDYPE TITDYVTLQR GSAYGGVLSN FSGTVKYS GS SYPFPTTSET PRVYNSRTD KPWPVALYLT PVSSAGGVAI KAGSLIAVLI LRQTNNYNSD DFQFVWNIYA NNDVVVPTGG CDVSARDVTV TLPDYPGSVP IPLTVYCAKS QNLGYLSGT TADAGNSIFT NTASFSPAQG VGVQLTRNGT IIPANNTVSL GAVGTSAVSL GLTANYARTG GQVTAGNVQS IIGVTFVYQ
Target Species	E.coli
Calculated MW	56.5 kD
Target Length	Full Length, 22-300aa
Tag Info	GST-tag
Preparation and Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for FimH recombinant protein	Involved in regulation of length and mediation of adhesion of type 1 fimbriae (but not necessary for the production of fimbriae). Adhesin responsible for the binding to D-mannose. It is laterally positioned at intervals in the structure of the type 1 fimbriae. In order to integrate FimH in the fimbriae FimF and FimG are needed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16132141
NCBI Accession #	NP_418740.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P08191 ; Q2M5Z3
NCBI Official Full Name	minor component of type 1 fimbriae
UniProt Protein Name	Type 1 fimbrin D-mannose specific adhesin
UniProt Gene Name	fimH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

