

Flagellin (fliC) Recombinant Protein | fliC recombinant protein

Recombinant Escherichia coli Flagellin (fliC)

CATALOG # AAA18729	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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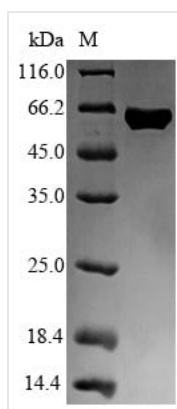
PRODUCT SYNONYMS

Flagellin (fliC); Recombinant Escherichia coli Flagellin (fliC); fliC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-498aa; Full Length of Mature Protein
Sequence	AQVINTNSLS LITQNNINKN QSALSSSIER LSSGLRINSA KDDAAGQAIA NRFTSNIKGL TQAARNANDG ISVAQTTEGA LSEINNQLQR VRELTQATT GTNSESLS IQDEIKSRDL EIDRVSGQTQ FNGVNVLAKE GSMKIQVGAN DNQTITDLK QIDAKTLGLD GFSVKNNDTV TTSAPVTAFG ATTTNNIKLT GITLSTEAT DTGGTNPASI EGVYTDNGND YYAKITGGDN DGKYYAVTVA NDGTVTMATG ATANATVTDAT NTKATTITS GGTPVQIDNT AGSATANLGA VSLVKLQDSK GNDTDYALK DTNGNLYAAD VNETTGAVSV KTITYDSSG AASSPTAVKL GGDDGKTEVV DIDGKTYDSA DLNGGNLQTG LTAGGEALTA VANGKTTDPL KALDDAIASV DKFRSSLGAV QNRLDASVTN LNNTTNLSE AQSRIQDADY ATEVSNMASKA QIIQQAGNSV LAKANQVPQQ VLSLLQG
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for fliC recombinant protein	Flagellin is the subunit protein which polymerizes to form the filaments of bacterial flagella.
Product Categories/Family for fliC recombinant protein	Immunology

References	Nucleotide sequence of the hag gene encoding flagellin of Escherichia coli. Kuwajima G., Asaka J., Fujiwara T., Fujiwara T., Node K., Kondo E.J. Bacteriol. 168:1479-1483(1986) Isolation and characterization of Escherichia coli hag operator mutants whose hag48 expression has become repressible by a Salmonella H1 repressor. Hanafusa T., Sakai A., Tominaga A., Enomoto M. Mol. Gen. Genet. 216:44-50(1989) A 460-kb DNA sequence of the Escherichia coli K-12 genome corresponding to the 40.1-50.0 min region on the linkage map. Itoh T., Aiba H., Baba T., Fujita K., Hayashi K., Inada T., Isono K., Kasai H., Kimura S., Kitakawa M., Kitagawa M., Makino K., Miki T., Mizobuchi K., Mori H., Mori T., Motomura K., Nakade S., Nakamura Y., Nashimoto H., Nishio Y., Oshima T., Saito N., Sampei G., Seki Y., Sivasundaram S., Tagami H., Takeda J., Takemoto K., Wada C., Yamamoto Y., Horiuchi T. DNA Res. 3:379-392(1996) The complete genome sequence of Escherichia coli K-12. Blattner F.R., Plunkett G. III, Bloch C.A., Perna N.T., Burland V., Riley M., Collado-Vides J., Glasner J.D., Rode C.K., Mayhew G.F., Gregor J., Davis N.W., Kirkpatrick H.A., Goeden M.A., Rose D.J., Mau B., Shao Y. Science 277:1453-1462(1997) Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110. Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T. Mol. Syst. Biol. 2:E1-E5(2006) DNA sequence adjacent to flagellar genes and evolution of flagellar-phase variation. Szekely E., Simon M.J. Bacteriol. 155:74-81(1983) Comparing the predicted and observed properties of proteins encoded in the genome of Escherichia coli K-12. Link A.J., Robison K., Church G.M. Electrophoresis 18:1259-1313(1997) Protein identification with N and C-terminal sequence tags in proteome projects. Wilkins M.R., Gasteiger E., Tonella L., Ou K., Tyler M., Sanchez J.-C., Gooley A.A., Walsh B.J., Bairoch A., Appel R.D., Williams K.L., Hochstrasser D.F.J. Mol. Biol. 278:599-608(1998)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16129870
NCBI GeneID	949101
NCBI Accession #	NP_416433.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P04949
Molecular Weight	67.2 kDa
NCBI Official Full Name	flagellar filament structural protein (flagellin)
NCBI Official Symbol	fliC
NCBI Official Synonym Symbols	ECK1922; flaF; H; hag; JW1908
NCBI Protein Information	flagellar filament structural protein (flagellin)
UniProt Protein Name	Flagellin
UniProt Gene Name	fliC
UniProt Synonym Gene Names	flaF; hag
UniProt Entry Name	FLIC_ECOLI

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.