

Flagellin (fliC) Recombinant Protein | fliC recombinant protein

Recombinant Escherichia coli Flagellin (fliC)

CATALOG # AAA235206	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 FNGVNVLAKN GSMKIQVGAN DNQTITDLK QIDAKTLGLD GFSVKNNDTV TTSAPVTAFG ATTTNNIKLT GITLSTEAAT DTGGTNPASI EGVYTDNGND YYAKITGGDN DGKYYAVTVA NDGTVTMATG ATANATVTDATA NTKATTITS GGTPVQIDNT AGSATANLGA VSLVKLQDSK GNDTDYALK DTNGNLYAAD VNETTGAVSV KTITYDSSG AASSPTAVKL GGDDGKTEVV DIDGKYDSA DLNGGNLQTG LTAGGEALTA VANGKTTDPL KALDDAIASV DKFRSSLGAV QNRLDASVTN LNNTTNLSE AQSRIQDADY ATEVSNMSKA QIIQQAGNSV LAKANQVPQQ VLSLLQG
Organism	Escherichia coli (strain K12)
Tag Information	NO-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

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	"Benchmarking yeast two-hybrid systems using the interactions of bacterial motility proteins." Rajagopala S.V., Hughes K.T., Uetz P. Proteomics 9:5296-5302 (2009)

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	51.2 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

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.

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Online datasheet: <https://stage.aaabiotech.com/flic-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/235206>