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# 32-13772: Flagellin FliA (H)

**Format :** Lyophilized from a 0.2um filtered concentrated solution in PBS, pH 7.4.

## Description

Source:Escherichia Coli.
Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder.
Biological Activitynull
Flagellin FliA (H), also known as RNA polymerase sigma factor for flagellar operon, Sigma F and Sigma-28, is a part of the FliA subfamily or sigma-70 factor family. This sigma factor controls the expression of flagella-related genes. Flagellin FliA (H) regulates the expression of genes involved in virulence. Flagellin FliA (H) is an initiation factors which endorses the attachment of RNA polymerase to specific initiation sites and are then released.
Flagellin FliA (H) Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 302 amino acids and having a molecular mass of approximately 33.1kDa.The Flagellin FliA (H) is purified by proprietary chromatographic techniques.

## Product Info

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| **Amount :** | 100 µg / 20 µg |
| **Purification :** | Greater than 97.0% as determined by SDS-PAGE and HPLC analyses. |
| **Storage condition :** | Lyophilized Flagellin FliA (H) although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flagellin should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles. |
| **Amino Acid :** | MKGLKTGWIE KSVENIKTAY GIEPTGANKL KVTISDDGAY GVLASVTPKT GEFELHIDSS DFEKGDGESG NNIHGKLYDD RIIQHEMTHA VMNDALGIDK MNDLHDKNKL WFIEGTAEAM AGADERVKDI IGNDTQTGID NTKLSKLATR ADALLNGVSW NSSDEDYAAG YLMVKYIASK GIDLKAVMKE IKNTGASGLD NKIDLTNLKI DFKNNLENYI KDISKVHLDW DDDEKDVGSI LGSDHGHGDI KAEDVVKGTT PEKEQPLDKF KIIWPDDNSD NTTGKIQLQV GANEGQSITI LE |

## Application Note

It is recommended to reconstitute the lyophilized Flagellin FliA (H) in sterile 18MO-cm H2O not less than 100Ã‚Âµg/ml, which can then be further diluted to other aqueous solutions.