

Recombinant Flagellin protein FliA(H)

Catalog No: #AP60507

Package Size: #AP60507-1 100ug #AP60507-2 500ug

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Description

Product Name	Recombinant Flagellin protein FliA(H)
Host Species	Escherichia coli
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Calculated MW	Approximately 33.1 kDa, a single non-glycosylated polypeptide chain containing 302 amino acids.
Target Sequence	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
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. -□ A minimum of 12 months from date of receipt, when stored at ≤-20 °C as supplied. -□ 1 month, 2 to 8 °C under sterile conditions after reconstitution. -□ 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Background

Flagellin protein FliA(H), also named RNA polymerase sigma factor for flagellar operon, Sigma F and Sigma-28, is belonging to the sigma-70 factor family or FliA subfamily. Sigma factors are initiation factors that promote the attachment of RNA polymerase to specific initiation sites and are then released. This sigma factor controls the expression of flagella-related genes. May regulate the expression of genes involved in virulence.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.