

Flagellin

Description: Flagellin Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 203 amino acids with a 6

Catalog #: PRPS-1247

Source: Escherichia Coli.

For research use only.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence: MAQVINTNSL SLLTQNNLNK QSALGTAIE RLSSGLRINS
AKDDAAGQAI ANRFTANIKG LTQASRNAND GISIAQTTEG ALNEINNNLQ RVRELAVQSA
NSTNSQSDLD SIQAEITQRL NEIDRVSGQT QFNGVKVLAQ DNTLTIQVGA NDGETIDIDL
KQINSQTLGL DTLNVQQKYK VSDTAATVTG YADTTIALDN STFKASATGL GGTDQKIDGD
LKFD DTTGKY YA

Purity: Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.

Formulation:

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

Stability:

Lyophilized Flagellin 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Flagellin in sterile 18M-cm H2O not less than 100

Introduction:

Flagellin arranges itself in a hollow cylinder to create the filament in bacterial flagellum. Flagellin is the key substituent of bacterial flagellum, and is found in large quantities on almost all flagellated bacteria.

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