

Flagellin Recombinant Protein



RPPB3546

Product Information Protein Information

Product SKU:

RPPB3546

Host:

Escherichia Coli.

Protein description:

Flagellin Salmonella typhimurium (strain ATCC 68169 / UK-1) Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 503 amino acids with Leu, Glu and a 6 × His at C-terminus and having a molecular mass of 52.7kDa. The Flagellin is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

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

Purity:

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

Solubility:

It is recommended to reconstitute the lyophilized Flagellin in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

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.

Amino Acid Sequence:

MAQVINTNSL SLLTQNNLNK SQSALGTAIE RLSSGLRINS AKDDAAGQAI ANRFTANIKG LTQASRNAND
GISIAQTTEG ALNEINNNLQ RVRELAVQSA NSTNSQSDLD SIQAEITQRL NEIDRVSGQT QFNGVKVLAQ
DNTLTIQVGA NDGETIDIDL KQINSQTLGL DTLNVQQKYK VSDDAATVTG YADTTIALDN STFKASATGL
GGTDQKIDGD LKFDDTTGKY YAKVTVTGGT GKDGYYEVSV DKTNGEVTLA GGATSPLTGG LPATATEDVK
NVQVANADLT EAKAALTAAG VTGTASVVKM SYTDNNGKTI DGGLAVKVGD DYYSATQNKD GSISINTTKY
TADDGTSKTA LNKLGADGK TEVVSIGGKT YAASKAEGHN FKAQPDIAEA AATTENPLQ KIDAALAQVD
TLRSDLGAVQ NRFNSAITNL GNTVNNL TSA RSRIEDSDYA TEVSNMSRAQ ILQQAGTSVL AQANQVPQNV
LSLLRLEHHH HHH