

Flagellin Recombinant

Item Number	rAP-3847
Synonyms	
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 tech-
Uniprot Accession Number	
Amino Acid Sequence	MAQVINTNSL SLLTQNNLNK SQSALGTAIE RLSSGLRINS AKDDAAGQAI ANRFTANIKG LTQASRNAND GISIAQTTEG ALNEINNNLQ RVRELAVQSA NSTNSQSDLD SIQAEITQRL NEIDRVSGQT QFNGVKVLAQ DNTLTIQVGA NDGETIDIDL KQINSQTLGL DTLNVQQKYK VSDTAATVTG YADTTIALDN STFKASATGL GGTDQKIDGD LKFDDTTGKY YAKVTVTGGT GKDGYYEVSV DKTNGEVLTA GGATSPLTGG LPATATEDVK NVQVANADLT EAKAALTAAG VTGTASVVKM SYTDNNGKTI DGGLAVKVGDD DYY- SATQNKD GISISINTTKY TADDGTSKTA LNKLGADGK TEVVSIGGKT YAASKAEGHN FKAQPDLAEA
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Lyophilized from a 0.2um filtered concentrated solution in PBS, pH 7.4. Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.
Application	
Solubility	It is recommended to reconstitute the lyophilized Flagellin in sterile 18M-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**