



Recombinant Treponema pallidum Flagellar filament outer layer protein (flaA)

Product Code	CSB-EP322421TPR-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P18193
Product Type	Recombinant Protein
Immunogen Species	Treponema pallidum (strain Nichols)
Purity	>85% (SDS-PAGE)
Sequence	DESVLIDFAK LNADIMADKS GGMTHNRRTV LDYASLADTS YTDEQKALMR SSLAVAQWEV VLNSSARNPV AHAASRVIEA PVSEGAKSFA GERVLGVRVL FPTWDSNANA MIKPAFVIPA YEVMAQVDDQ GNVQAPTEEE KASGKGRFED GYGVVKNVGV LKSIANTYMG MNYPHGLYVM MRDQDGEVHR YFMGYLLFDS WKELVWNNPS YISDVSREV RLYPVYPAST PHVVFEGFMV TRDAAHAGGD YVG YFKDKVI IYDKAVLSTV RDFADEDLWG IQARREAERK RVEVARFGQQ QVRLRYIEQEK LATEVGFTPS GGAQRQEEQQ
Source	E.coli
Target Names	flaA
Protein Names	Recommended name: Flagellar filament outer layer protein Alternative name(s): Sheath protein
Expression Region	21-350
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.