Recombinant Borrelia burgdorferi Flagellar filament 41 kDa core protein (fla)

Product Code	CSB-EP319964BUD-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.	P11089
Product Type	Recombinant Protein
Immunogen Species	Borrelia burgdorferi (strain ATCC 35210 / B31 / CIP 102532 / DSM 4680)
Purity	>85% (SDS-PAGE)
Sequence	MIINHNTSAI NASRNNGINA ANLSKTQEKL SSGYRINRAS DDAAGMGVSG KINAQIRGLS QASRNTSKAI NFIQTTEGNL NEVEKVLVRM KELAVQSGNG TYSDADRGSI QIEIEQLTDE INRIADQAQY NQMHMLSNKS ASQNVRTAEE LGMQPAKINT PASLSGSQAS WTLRVHVGAN QDEAIAVNIY AANVANLFSG EGAQTAQAAP VQEGVQQEGA QQPAPATAPS QGGVNSPVNV TTTVDANTSL AKIENAIRMI SDQRANLGAF QNRLESIKDS TEYAIENLKA SYAQIKDATM TDEVVAATTN SILTQSAMAM IAQANQVPQY VLSLLR
Source	E.coli
Target Names	fla
Protein Names	Recommended name: Flagellar filament 41 kDa core protein Short name= Flagellin Alternative name(s): 41 kDa antigen P41
Expression Region	1-336
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 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.