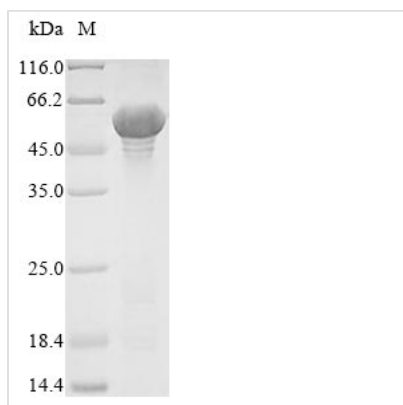


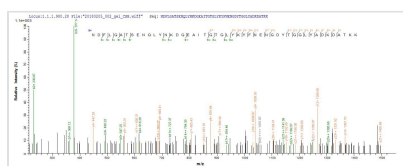


Recombinant Lachnospiraceae bacterium A4 Flagellin

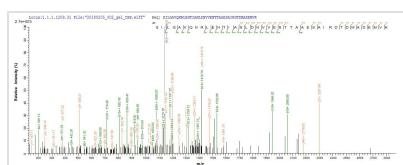
Product Code	CSB-EP2350GKW
Relevance	Flagellin is the subunit protein which polymerizes to form the filaments of bacterial flagella.
Abbreviation	Recombinant Lachnospiraceae bacterium A4 Flagellin protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature 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.	A7IZG7
Product Type	Recombinant Protein
Immunogen Species	Lachnospiraceae bacterium A4
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	SGSTEKLSSGYRVNRAADDAAGLAISEKMRKQIRGLTQGSRNAEDGISCVQTA EGALAEVQDMLQRMNELAVQATNGTNSVTDRKYIQDEIDQLVTEIDRVSETTK FNETYLLKGDEELPENLVHTFNYAKGDKIDQLGTSSVLNAKSDRVMVNYNGVD NVYVVSASISSAGSKESMTADVKTGSDFTKYLASGEVGTSSSVTSVAMSTSY AMFKNTNLNGVALQKMANGTVYADKDAYIYDTETKNIIHIKATEDLGPHYVKHID GADDSTYTMDKRYRLLYNVNPEVTGFEDTLGMPKTVDLLTKNDFLGATSENQ LYNKDGEAITGTGLYKYFNENGDTGGGLYADKDATKKIENDTTSSLYYGKYITN LTEKVTAALTSSVHAGADSDLNNRISATIDTMSAAGLGVNKLKSSSIGIVDETGD NARESIDVVGEALKIVSTQRSILGAVQNRLEHTIANLDNVVENTTAAESAIRDTD MADEMVKFSNNQVLLQAGQSILAQANQSNQGVLSLLQ
Research Area	Microbiology
Source	E.coli
Expression Region	1-520aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	56.2 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP2350e1 could indicate that this peptide derived from E.coli-expressed Lachnospiraceae bacterium A4 N/A.



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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.