



Recombinant S-layer protein (vapA)

Product Code	CSB-EP330492AXZ-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.	P35823
Product Type	Recombinant Protein
Immunogen Species	Aeromonas salmonicida
Purity	>85% (SDS-PAGE)
Sequence	DVVISPNNDN TfvTTSLASV TKQPVLDFST AQQNLTLNFS EVGDLKNNGF IVLEIQGEGQ FNDAEIRQWL SNGFWRRPFT GLLVNPNDHG NFANSGEVND VRKFFKIISD GTQLTIVHTI DSNGKRLRLA LASDVEETIN FADAEVELKL NLANQAFKLT SGSQGTVALT AGALWNASYT ADPVATKPLF KLGKLFQLSL TNAGKATALV SEGFLKLNIG DANISATDFA ITNVTTNQTI QRDKVNLTLT GDVSAFKKDA NGNLVNKAGA SIGWKAAADG QSATAVLGAG NMAGGVQNAL AAFGTLYVAA DNTVPVPAVN FNVKAEIQGD SQATYNYFKD ELADLFILTR DGMKFDTITT GTTSANLIHI RDVSNILPTE GGKIFVTITE YADHAANGRG EGTVLVTRKA LSVTLPSGGA VTLKPADVAA DVGASITAGR QARLVFEVET NQGEVAVKKS NAEGVDIQNG TRGTAPLVDF TL
Source	E.coli
Target Names	vapA
Protein Names	Recommended name: S-layer protein Alternative name(s): Tetragonal surface virulence array protein Short name= A-protein
Expression Region	22-502
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.