



Recombinant Zea mays Zein-alpha PZ19.1

Product Code	CSB-EP361344ZAX
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.	P04705
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	SIFPQCSQA PIASLLPPYL SPAMSSVCEN PILLPYRIQQ AIAAGILPLS PLFLQSSAL LQQLPLVHLL AQNIRAQQLQ QLVLANLAAY SQQQQLPLVH LLAQNIRAQQ LQQLVLANLA AYSQQQQFLP FNQQLAAAYP RQFLPFNQLA ALNSHAYVQQ QQLLPF
Source	E.coli
Protein Names	Recommended name: Zein-alpha PZ19.1 Alternative name(s): 19 kDa zein PZ19.1
Expression Region	22-186
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.