



Recombinant Chicken F-actin-capping protein subunit alpha-2 (CAPZA2)

Product Code	CSB-EP004512CH-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P28497
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	≥85% (SDS-PAGE)
Sequence	MADLEEQLSD EEKVRIAAKF IIHAPPGEFN EVFNDVRLLL NNDNLLREGA AHAFAQYNLD QFTPVKIDGY DEQVLITEHG DLGNGKFLDP KNKISFKFDH LRKEATDPRP HEVENAIESW RNSVETAMKA YVKEHYPNGV CTVYGKTIDG QQTIIACIES HQFQAKNFWN GRWRSEWKFT ISPSTTQVAG ILKIQVHYE DGNVQLVSHK DIQDSLTVSN EAQTAKEFIK IVEAAENEYQ TAISENYQTM SDTTFKALRR QLPVTRTKID WNKILSYKIG KEMQNA
Source	E.coli
Target Names	CAPZA2
Protein Names	Recommended name: F-actin-capping protein subunit alpha-2 Alternative name(s): Beta-actinin subunit I CapZ 36/32
Expression Region	1-286
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
Target Details	This protein is a member of the F-actin capping protein alpha subunit family. It is the alpha subunit of the barbed-end actin binding protein Cap Z. By capping the barbed end of actin filaments, Cap Z regulates the growth of the actin filaments at the barbed end.
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.