



Recombinant *Loxodonta africana* F-actin-capping protein subunit alpha-2 (CAPZA2)

Product Code	CSB-EP607446LJC-B
Abbreviation	CAPZA2
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.	Q108U5
Product Type	Recombinant Protein
Immunogen Species	<i>Loxodonta africana</i> (African elephant)
Purity	≥85% (SDS-PAGE)
Sequence	ADLEEQLSD EEKVRIAAKF ITHAPPGEFN EVFNDVRRLL NNDNLLREGA AHAFAQYNLD QFTPVKIEGY EDQVLITEHG DLGNGKFLDP KNRICFKFDH LRKEATDPRP YEAENAVESW RTSVETALRA YVKEHYPNGV CTVYGKKIDG QQTIIACIES HQFQAKNFWN GRWRSEWKFT ITPSTTQVVG ILKIQVHYE DGNVQLVSHK DIQDSLTVSN EVQTAKEFIK IVEAAENEYQ TAISENYQTM SDTTFKALRR QLPVTRTKID WNKILSYKIG KEMQNA
Source	<i>E.coli</i>
Target Names	CAPZA2
Protein Names	Recommended name: F-actin-capping protein subunit alpha-2 Alternative name(s): CapZ alpha-2
Expression Region	2-286
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 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.