Recombinant Rat F-actin-capping protein subunit beta (Capzb)

Product Code	CSB-EP716828RA-B
Abbreviation	Capzb
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.	Q5XI32
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	SDQQLDCAL DLMRRLPPQQ IEKNLSDLID LVPSLCEDLL SSVDQPLKIA RDKVVGKDYL LCDYNRDGDS YRSPWSNKYD PPLEDGAMPS ARLRKLEVEA NNAFDQYRDL YFEGGVSSVY LWDLDHGFAG VILIKKAGDG SKKIKGCWDS IHVVEVQEKS SGRTAHYKLT STVMLWLQTN KSGSGTMNLG GSLTRQMEKD ETVSDCSPHI ANIGRLVEDM ENKIRSTLNE IYFGKTKDIV NGLRSVQTFA DKSKQEALKN DLVEALKRKQ QC
Source	E.coli
Target Names	Capzb
Protein Names	Recommended name: F-actin-capping protein subunit beta Alternative name(s): CapZ beta
Expression Region	2-272
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
Target Details	CAPZB is a member of the F-actin capping protein family. This gene encodes the beta subunit of the barbed-end actin binding protein. The protein regulates growth of the actin filament by capping the barbed end of growing actin filaments.
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.

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