Recombinant Rat F-actin-capping protein subunit alpha-2 (Capza2)

Product Code	CSB-MP667531RA
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.	Q3T1K5
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	ADLEEQLSD EEKVRIAAKF IIHAPPGEFN EVFNDVRLLL NNDNLLREGA AHAFAQYNLD QFTPVKIEGY EDQVLITEHG DLGNGKFLDP KNRICFKFDH LRKEATDPRP YEAENAIESW RTSVETALRA YVKEHYPNGV CTVYGKKVDG QQTIIACIES HQFQAKNFWN GRWRSEWKFT VTPSTTQVVG ILKIQVHYYE DGNVQLVSHK DIQDSLTVSN EVQTAKEFIK IVEAAENEYQ TAISENYQTM SDTTFKALRR QLPVTRTKID WNKILSYKIG KEMQNA
Source	Mammalian cell
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
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.

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