



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

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| Product Code | CSB-BP004512MO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P47754 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | ADLEEQLSD EEKVRIAAKF IIHAPPGEFN EVFNDVRLLL NNDNLLREGA AHAFAQYNLD QFTPVKIEGY EDQVLITEHG DLGNGKFLDP KNRICFKFDH LRKEATDPRP YEAENAIESW RTSVETALRA YVKEHYPNGV CTVYGKKVDG QQTIACIES HQFQAKNFWN GRWRSEWKFT VTPSTTQVVG ILKIQVHYE DGNVQLVSHK DIQDSLTVSN EVQTAKEFIK IVEAAENEYQ TAISENYQTM SDTTFKALRR QLPVTRTKID WNKILSYKIG KEMQNA |
| Source | Baculovirus |
| 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. 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. |