Recombinant Mouse F-actin-capping protein subunit alpha-3 (Capza3)

Product Code	CSB-MP004513MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70190
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSLSVLSRKE KEKVIHRLLV QAPPGEFVNA FDDLCLLIRD EKLMHHQGEC AGHQHCQKYC VPLCIDGNPV LLSHHNVMGD FRFFDYQSKL SFRFDLLQNQ LRDIQSHGII RNETEYLRSV VMCALKLYVN DHYPNGNCNV LRKTVKSKEF LIACIEDHSY DNGECWNGLW KSKWIFQVNP FLTQVTGRIF VQAHFFRCVN LHIEVSKDLK ESLEVVNQAQ LALSFARLVE EQENKFQAAV IEELQELSNE ALRKILRRDL PVTRTLIDWQ RILSDLNLVM YPKLGYVIYS RSVLCNWII
Source	Mammalian cell
Target Names	Capza3
Protein Names	Recommended name: F-actin-capping protein subunit alpha-3 Alternative name(s): CapZ alpha-3 Germ cell-specific protein 3
Expression Region	1-299
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 gene encodes an actin capping protein, one of the F-actin capping protein alpha subunit family. The encoded protein is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. The encoded protein may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility.
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.