



Recombinant Mouse Gelsolin (Gsn)

Product Code	CSB-EP009965MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P13020
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	ATTSR GRAQERAPQS RVSEARPSTM VVEHPEFLKA GKEPGLQIWR VEKFDLVPVP PNLYGDFFTG DAYVILKTVQ LRNGNLQYDL HYWLGNECSQ DESGAAAI FT VQLDDYLNGR AVQHREVQGF ESSTFSGYFK SGLKYKKGGV ASGFKHVVPN EVVQRLFQV KGRRVVRATE VPVSWDSFNN GDCFILDLGN NIYQWCGSGS NKFERLKATQ VSKGIRDNER SGRAQVHVSE EGGEPEAMLQ VLGPKPALPE GTEDTAKEDA ANRRLAKLYK VSNGAGSMSV SLVADENPFA QGALRSEDCF ILDHGRDGKI FVWKGKQANM EERKAALKTA SDFISKMQYP RQTQVSVLPE GGETPLFKQF FKNWRDPDQT DGPGLGYLSS HIANVERVPF DAATLHTSTA MAAQHGMDDD GTGQKQIWRI EGSNKVPVDP ATYGQFYGGD SYIILYNYRH GGRQGQIYN WQGAQSTQDE VAASAILTAQ LDEELGGTPV QSRVVQGKEP AHLMSLFGGK PMIIYKGGTS RDGGQTAPAS IRLFQVRASS SGATRAVEVM PKSGALNSND AFVLKTPSAA YLWVGAGASE AEKTGAQELL KVLRSQHVQV EEGSEPDFAFW EALGGKTAYR TSPRLKDKKM DAHPPRLFAC SNRIGRFVIE EVPGELMQED LATDDVMLLD TWDQVFVWVG KDSQEEEEKTE ALTSAKRYIE TDPANRDRRT PITVVRQGF EPPSFVGVWFLG WDDNYWSVDP LDRALAEELAA
Source	E.coli
Target Names	Gsn
Protein Names	Recommended name: Gelsolin Alternative name(s): Actin-depolymerizing factor Short name= ADF Brevin
Expression Region	26-780
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 binds to the plus ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene.
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.