



# Recombinant Mouse Gelsolin (Gsn)

<b>Product Code</b>	CSB-MP009965MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P13020
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>ATTSR GRAQERAPQS RVSEARPSTM VVEHPEFLKA GKEPGLQIWR  VEKFDLVPVP PNLYGDFFTG DAYVILKTVQ LRNGNLQYDL HYWLGNECSQ  DESGAAAI FT VQLDDYLN GR AVQHREVQGF ESSTFSGYFK SGLKYKGGV  ASGFKHVVPN EVVVQRLFQV 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 EEGSEPDAFW EALGGKTAYR TSPRLKDKKM  DAHPPRLFAC SNRIGRFVIE EVPGELMQED LATDDVMLLD TWDQVFVWVG  KDSQEEKTE ALTSAKRYIE TDPANRDRRT PITVVRQGF E PPSFVGWFLG  WDDNYWSVDP LDRALAE LAA</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Gsn
<b>Protein Names</b>	Recommended name: Gelsolin Alternative name(s): Actin-depolymerizing factor Short name= ADF Brevin
<b>Expression Region</b>	26-780
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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**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.