



Recombinant Rat Gelsolin (Gsn)

Product Code	CSB-YP715028RA
Abbreviation	Gsn
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.	Q68FP1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p> ATASR GRAQERAPQS RVSETRPSTM VVEHPEFLKA GKEPGLQIWR VEKFDLVPVP PNLYGDFFTG DAYVILKTVQ LRNGNLQYDL HYWLGNECSQ DESGAAAIFT VQLDDYLNGR AVQHREVQGF ESSTFQGYFK SGLKYKGGV ASGFKHVVPN EVVQRLFQV KGRRVVRATE VPVSWDSFNN GDCFILDLGN NIYQWCGSGS NKFERLKATQ VSKGIRDNER SGRAQVHVSE EGSEPEAMLQ VLGPKPDLPQ GTEDTAKEDA ANRRLAKLYK VSNSGGSMSV SLVADENPFA QSALRSEDCF ILDHGRDGKI FVWKGKQANM DERKAALKTA SDFISKMQYP RQTQVSVLPE GGETPLFKQF FKNWRDPDQT DGPGLSYLSS HIANVERVPF DAATLHTSTA MAAQHGMDDD GTGQKQIWR EGSNKVLVDP ATYGQFYGGD SYIILYNYRH GGRQQIYN WQGAQSTQDE VAASAILTAQ LDEELGGTPV QSRVVQGKEP AHLMSLFGGK PMIIYKGGTS RDGGQTPAS TRLFQVRASS SGATRAVEVM PKAGALNSND AFVLKTPSAA YLWVGTGASD AEKTGALELL KVLRAQHVVQV EEGSEPDGFW EALGGKTAYR TSPRLKDKKM DAHPPRLFAC SNRIGRFVIE EVPGELMQED LATDDVMLLD TWDQVFWVVG KDSQEEKTE ALTSAKRYIE TDPANRDRRT PITVVRQGF PPSFVGWFLG WDDDYWSVDP LDRALAEELAA </p>
Source	Yeast
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

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