



# Recombinant Bovine Gelsolin (GSN), partial

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| <b>Product Code</b>      | CSB-YP667481BO   |
| <b>Abbreviation</b>      | GSN  |
| <b>Storage</b>           | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>  |
| <b>Uniprot No.</b>       | Q3SX14   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Bos taurus (Bovine)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | GSN  |
| <b>Protein Names</b>     | <p>Recommended name: Gelsolin Alternative name(s): Actin-depolymerizing factor</p> <p>Short name= ADF Brevin Cleaved into the following chain: 1. Gelsolin, N-terminally processed</p>   |
| <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>    | Partial  |
| <b>Target Details</b>    | <p>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.</p>                          |
| <b>Reconstitution</b>    | <p>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.</p> |
| <b>Shelf Life</b>        | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>  |