

## Recombinant Mouse Gelsolin (Gsn), N-His

Cat. No.: AP4C199

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

### Product Overview

BioVenic's Recombinant Mouse Gelsolin (Gsn), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 24.2 kDa. The purity is >95%.

### Specifications

|                            |                                                 |
|----------------------------|-------------------------------------------------|
| Type                       | Recombinant Protein                             |
| Species                    | Mouse                                           |
| Expression System          | <i>E.coli</i>                                   |
| Purity                     | >95%                                            |
| Endotoxin                  | < 1.0 EU/µg                                     |
| Predicted Molecular Weight | 24.2 kDa                                        |
| Physical State             | Lyophilized                                     |
| Formulation                | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. |

### Target Information

Mouse Gelsolin (Gsn) is an actin-binding protein involved in cytoskeleton dynamics and cell motility. In mice, it plays a role in the regulation of actin filament assembly and disassembly. Dysregulation of Gelsolin is associated with neurodegenerative diseases and inflammatory disorders.

|                 |                                     |
|-----------------|-------------------------------------|
| Protein         | Mouse Gelsolin (Gsn)                |
| Protein Synonym | Actin-depolymerizing factor; Brevin |
| Gene ID         | <a href="#">227753</a>              |
| EC No.          | <a href="#">P13020</a>              |

### Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in deionized sterile water to a concentration of 0.1-0.5 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.