



## Human GSN blocking peptide (CDBP1355)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                     |   |
|---------------------|---|
| Product Overview    | Blocking/Immunizing peptide for anti-Gelsolin/GSN antibody  |
| Antigen Description | The protein encoded by this gene 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. [provided by RefSeq, Jul 2008] |
| Species             | Human   |
| Conjugate           | Unconjugated  |
| Applications        | Apuri, BL, ELISA  |
| Format              | Lyophilized powder  |
| Size                | 100 µg  |
| Preservative        | None  |
| Storage             | Shipped at ambient temperature, store at -20°C.   |

### GENE INFORMATION

|                 |  |
|-----------------|--|
| Gene Name       | <a href="#">GSN gelsolin [ Homo sapiens (human) ]</a>          |
| Official Symbol | GSN  |
| Synonyms        | GSN; gelsolin; ADF; AGEL; brevin; actin-depolymerizing factor; |
| Entrez Gene ID  | <a href="#">2934</a>   |

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|----------------------------|--|
| <b>mRNA Refseq</b>         | <a href="#">NM_000177.4</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_000168.1</a>  |
| <b>UniProt ID</b>          | P06396   |
| <b>Chromosome Location</b> | 9q33   |
| <b>Pathway</b>             | Amyloids, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Caspase-mediated cleavage of cytoskeletal proteins, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Disease, organism-specific biosystem; EGF receptor (ErbB1) signaling pathway, orga |
| <b>Function</b>            | actin binding; calcium ion binding; protein binding;   |

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