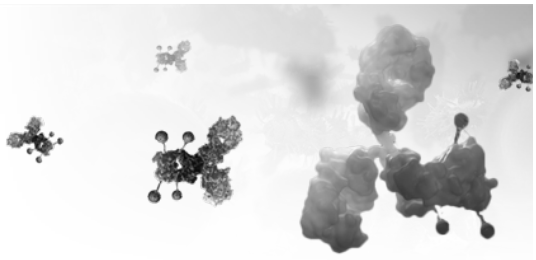

Human GSN peptide (DAG-P1624)

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

PRODUCT INFORMATION

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]
Specificity	Phagocytic cells, platelets, fibroblasts, nonmuscle cells, smooth and skeletal muscle cells.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the villin/gelsolin family.Contains 6 gelsolin-like repeats.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	GSN gelsolin [Homo sapiens (human)]
Official Symbol	GSN
Synonyms	GSN; gelsolin; ADF; AGEL; brevin; actin-depolymerizing factor;
Entrez Gene ID	2934
mRNA Refseq	NM_000177.4

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Protein Refseq	NP_000168.1
UniProt ID	P06396
Chromosome Location	9q33
Pathway	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
Function	actin binding; calcium ion binding; protein binding;

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