

Recombinant Human GSN Protein, GST-tagged

Cat. No. GSN-4401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GSN full-length ORF (AAH26033.1, 1 a.a. - 782 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	112.1 kDa
AA Sequence	MAPHRPAPALLCALSLALCALSLPVRAATASRGASQAGAPQGRVPEARPNMVEH PEFLKAGKEPGLQIWRVEKFDLVPVPTNLYGDFFTGDAYVILKTVQLRNGNLQYDLH YWLGNESQDESGAAAIFTVQLDDYLNRAVQHREVQGFESATFLGYFKSGLKYYK GGVASGFKHVVPNEVVVQRLFQVKGRRVVRATEVPVSWESFNNGDCFILDGNNIH QWCGSNSNRYERLKATQVSKGIRDNERSGRARVHVSEEGTEPEAMLQVLGPKPAL PAGTEDTAKEDAANRKLAKLYKVSNGAGTMSVSLVADENPFAQGALKSEDCFILDH GKDGKIFVWKGKQANTEERKAALKTASDFITKMDYPKQTQVSVLPEGGETPLFKQF FKNWRDPDQTDGLGLSYLSSHIANVERVPFDAATLHTSTAMAAQHGMDDDGTTGQK

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QIWRIEGSNKVPVDPATYGGFYGGDSYIILYNRYHGGRQGQIIYNWQGAQSTQDEV
 AASAILTAQLDEELGGTPVQSRVVQGKEPAHLMSLFGGKPMIYKGGTSREGGQTAP
 ASTRLFQVRANSAGATRAVEVLPKAGALNSNDAFVLKTPSAAYLWVGTGASEAEKT
 GAQELLRLVLAQPVQVAEGSEPDGFWEALGGKAAAYRTSPRLKDKKMDAHPPLFA
 CSNKIGRFVIEEVPGELMQEDLATDDVMLLDTWDQVFVWVGKDSQEEEEKTEAL TSA
 KRYIETDPANRDRRTPITVVKQGFEPSPFVGWFLGWDDDYWSVDPLDRAMAELAA

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GSN gelsolin [Homo sapiens]

Official Symbol

GSN

Synonyms

GSN; gelsolin; gelsolin (amyloidosis, Finnish type); amyloidosis; Finnish type;
 DKFZp313L0718; brevin; actin-depolymerizing factor; ADF; AGEL;

Gene ID

2934

mRNA Refseq

NM_000177

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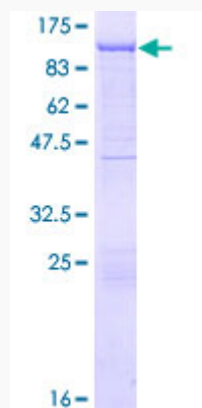
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Protein Refseq NP_000168

MIM 137350

UniProt ID P06396

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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