

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	MAPHRPAPALLCALSLALCALSLPVRAATASRGASQAGAPQGRVPEARPNMSMVVEH PEFLKAGKEPGLQIWRVEKFDLVPVPTNLYGDFFTGDAYVILKTVQLRNGNLQYDLH YWLGNECSQDESGAAAIFTVQLDDYLNGRAVQHREVQGFESATFLGYFKSGLKYYK GGVASGFKHVVPNEVVVQRLFQVKGRRVVRATEVPVSWESFNNGDCFILDGNNIH QWCGSNSNRYERLKATQVSKGIRDNERSGRARVHVSEEGTEPEAMLQVLGPKPAL PAGTEDTAKEDAANRKLAKLYKVSNGAGTMSVSLVADENPFAQGALKSEDCFILDH GKDGKIFVWKGKQANTEERKAALKTASDFITKMDYPKQTQVSVLPEGGETPLFKQF FKNWRDPDQTDGLGLSYLSSHIANVERVPFDAATLHTSTAMAAQHGMDDDDGTGQK

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QIWRIEGSNKVPVDPATYGGFYGGDSYIILYNRHHGGRQGQIYNWQGAQSTQDEV
 AASAILTAQLDEELGGTPVQSRVVQGKEPAHLSLFGGKPMIYKGGTSREGGQTAP
 ASTRLFQVRANSAGATRAVEVLPKAGALNSNDAFVLKTPSAAYLWVGTGASEAEKT
 GAQELLRVLRAQPVQVAEGSEPDGFWEALGGKAAAYRTSPRLKDKKMDAHPRLFA
 CSNKIGRFVIEEVPGELMQEDLATDDVMLLDTWDQVFWVWGKDSQEEEEKTEAL TSA
 KRYIETDPANRDRRTPITVVKQGFEPSPFVGVWFLGWDDDYWSVDPLDRAMAELAA

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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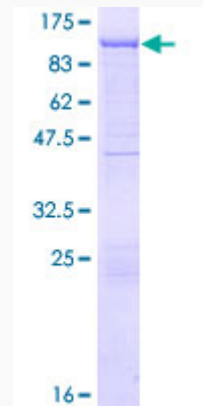
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Protein Refseq NP_000168

MIM 137350

UniProt ID P06396

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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