

Recombinant Full Length Human GSN Protein, C-Flag-tagged

Cat. No. GSN-93HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GSN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	82.9 kDa
AA Sequence	<p>MAPHRPAPALLCALSLALCALSLPVRAATASRGASQAGAPQGRVPEARPNMSMVVEH PEFLKAGKEPGLQI WRVEKFDLVPVPTNLYGDFFTGDAYVILKTVQLRNGNLQYDLH YWLGNECSQDESGAAAIFTVQLDDYLN GRAVQHREVQGFESATFLGYFKSGLKYK KGGVASGFKHVVPNEVVVQRLFQVKGRRVVRATEVPVSWESF NNGDCFILDGNN IHQWCGSNSNRYERLKATQVSKGIRDNERSGRARVHVSEEGTEPEAMLQVLGPKP AL PAGTEDTAKEDAANRKLAKLYKVSNGAGTMSVSLVADENPFAQGALKSEDCFIL DHGKDGKIFVWKGKQA NTEERKAALKTASDFITKMDYPKQTQVSVLPEGGETPLFK QFFKNWRDPDQTDGLGLSYLSSHIANVERV PFDAATLHTSTAMAAQHGMDDDDGTG</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QKQIWRIEGSNKVPVDPATYGQFYGGDSYIILYNRHHGGRQQQII YNWQGAQSTQD
 EVAASAILTAQLDEELGGTPVQSRVVQGKEPAHLMSLFGGKPMIYKGGTSREGGQT
 AP ASTRLFQVRANSAGATRAVEVLPAKAGALNSNDAFVLKTPSAAYLWVGTGASEAE
 KTGAQELLRLRAQPV QVAEGSEPDGFWEALGGKAAARTSPRLKDKKMDAHPRL
 FACSNIKGRFVIEEVPGELMQEDLATDDVML LDTWDQVFVWVGKDSQEEEEKTEALT
 SAKRYIETDPANRDRRTPITVVKQGFPPSFVWFLGWDDDDYWSV
 DPLDRAMAELAATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome, Secreted Protein

Protein Pathways Fc gamma R-mediated phagocytosis, Regulation of actin cytoskeleton

Full Length Full L.

GENE INFORMATION

Gene Name GSN gelsolin [Homo sapiens (human)]

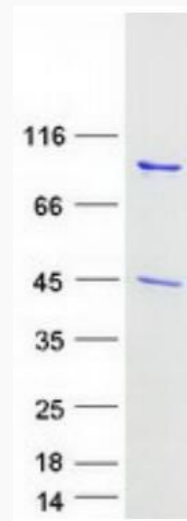
Official Symbol GSN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	ADF; AGEL
Gene ID	2934
mRNA Refseq	NM_000177.5
Protein Refseq	NP_000168.1
MIM	137350
UniProt ID	P06396



Coomassie blue staining of purified GSN protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA