

Recombinant Human GSN protein, T7/His-tagged

Cat. No. GSN-201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GSN (730 aa, Isoform-b, derived from BC026033) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	730 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose, DTT .
AA Sequence	MASMTGGQQMGRGRHHHHHHENLYFQGGFEFDVEHPEFLKAGKEPGLQIWRVEKFD LVPVPTNLYGDFFTGDAYVIL KTVQLRNGNLQYDLHYWLGNECSQDESGAAAIFTV QLDDYLNGRAVQHREVQGFESATFLGYFKSGLKYYKGGVA SGFKHVVPNEVVVQR LFQVKGRRVVRATEVPVSWESFNNGDCFILDGNNIHQWCGSNSNRYERLKATQV SKGIR DNERSGRARVHVSEEGTEPEAMLQVLGPKPALPAGTEDTAKEDAANRCLA KLYKVSNGAGTMSVSLVADENPFAQ GALKSEDCFILDHGKDGKIFVWKGKQANTEE RKAALKTASDFITKMDYPKQTQVSVLPEGGETPLFKQFFKNWRD PDQTDGLGLSYL SSHIANVERVPFDAATLHTSTAMAAQHGMDDDGKGKQIWRIEGSNKVPVDPATYG QFYGGDS YIILYNRYRHGGRQGQIYNWQGAQSTQDEVAASAILTAQLDEELGGTPV QSRVVQGKEPAHLMSLFGGKPMIYK GGTSREGGQTAPASTRLFQVRANSAGATR AVEVLPKAGALNSNDAFVLKTPSAAYLWVG TGASEAEKTGAQELLR VLRAQPVQVA EGSEPDGFWREALGGKAAAYRTSPRLKDKKMDAHPRLFACSNKIGRFVIEEVPGELM

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QEDLATDDV MLLDTWDQVFVWVGKDSQEEKTEALTSAKRYIETDPANRDRRTPIT
VVKQGFEPSPFVGVWFLGWDDDYWSVDPL DRAMAELAA

Purity >90% by SDS-PAGE

Storage Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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

Protein Refseq NP_000168

MIM 137350

UniProt ID P06396

Chromosome Location 9q33

Pathway Amyloids, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic

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executionphase, 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;

Function

actin binding; calcium ion binding; protein binding;

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