

Recombinant Human GSN protein, His-tagged

Cat. No. GSN-3602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSN protein(433-782 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	433-782 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAAQHGMDDDDGTGQKQIWRIEGSNKVPVDPATYGQFYGGDSYIILYNRYHGGRQG QIIYNWQGAQSTQDEVAASAILTAQLDEELGGTPVQSRVVQGKEPAHLMSLFGGKP MIIYKGGTSREGGQTAPASTRLFQVRANSAGATRAVEVLPAKAGALNSNDAFVLKTPS AAYLWVG TGASEAEKTGAQELLRLRAQPVQVAEGSEPDGFWEALGGKAAAYRTSP RLKDKKMDAHPPLRFACSNKIGRFVIEEVPGELMQEDLATDDVMLLDTWDQVFVWV GKDSQEEEEKTEALTSAKRYIETDPANRDRRTPTVVKQGFEPSPFVGWFLGWDDDDY WSDPLDRAMAELAA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

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