Recombinant Human GSN Protein, His-tagged

Cat. No. GSN-531H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSN(Ala434~Ala782) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala434~Ala782
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	41.9kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%

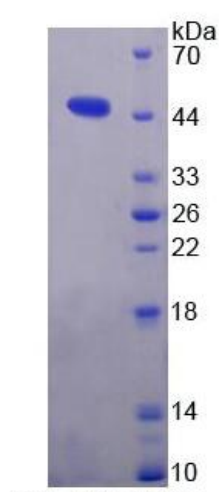
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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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15% SDS-PAGE

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