

Recombinant Human Gelsolin protein, GST-tagged

Cat. No. Gelsolin-301396H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Gelsolin (433-782 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met433-Ala782
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization
AA Sequence	MAAQHGMDDDDGTGQKQIWRIEGSNKVPVDPATYGQFYGGDSYIILYNYRHGGRQG QIIYNWQGAQSTQDEVAASAILTAQLDEELGGTPVQSRVVQGKEPAHLMSLFGGKP MIIYKGGTSREGGQTAPASTRLFQVRANSAGATRAVEVLPAKAGALNSNDAFVLKTPS AAYLWVG TGASEAEKTGAQELLRLRAQPVQVAEGSEPDGFWEALGGKAAAYRTSP RLKDKKMDAHPPLRFACSNKIGRFVIEEVPGLMQEDLATDDVMLLDTDWDQVFVWV GKDSQEEEEKTEALTSAKRYIETDPANRDRRTPTVVKQGFEPSPFVGWFLGWDDDDY WSVDPLDRAMAELAA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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

GENE INFORMATION

Gene Name	GSN gelsolin [Homo sapiens (human)]
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Official Symbol	Gelsolin
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Synonyms	GSN; ADF; AGEL
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Gene ID	2934
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mRNA Refseq	NM_000177
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Protein Refseq	NP_000168
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MIM	137350
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UniProt ID	P06396
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