

Product datasheet for **TP314871**

Gelsolin (GSN) (NM_000177) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human gelsolin (amyloidosis, Finnish type) (GSN), transcript variant 1
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214871 representing NM_000177 Red =Cloning site Green =Tags(s)

MAPHRPAPALLCALSLALCALSLPVRAATASRGASQAGAPQGRVPEARPNMSMVVEHPEFLKAGKEPGLQI
WRVEKFDLVPVPTNLYGDFFTGDAYVILKTVQLRNGNLQYDLHYWLGNECSQDESGAAAIFTVQLDDYLN
GRAVQHREVQGFESATFLGYFKSGLKYYKGGVASGFKHVVVNEVVVQRLFQVKGRRVVRATEVPVSWESF
NNGDCFILDGNNIHQWCGSNSNRYERLKATQVSKGIRDNERSGRARVHVSEEGTEPEAMLQVLGPKPAL
PAGTEDTAKEDAANRKLAKLYKVSNGAGTMSVSLVADENPFAQGALKSEDCFILDHGKDGKIFVWKGKQA
NTEERKAALKTASDFITKMDYPKQTQVSVLPEGGETPLFKQFFKNWRDPDQTDGLGLSYLSSHIANVERV
PFDAATLHTSTAMAAQHGMDDDGTTGQKQIWRIEGSNKVPVDPATYGGFYGGDSYIILYNYRHGGRRGQII
YNWQGAQSTQDEVAASAILTAQLDEELGGTPVQSRVQGGKEPAHMLSLFGGKPMIYYKGGTSREGGQTAP
ASTRLFQVRANSAGATRAVEVLPKAGALNSNDAFVLKTPSAAYLWVGTGASEAEKTGAQELLRVLRAQPV
QVAEGSEPDGFWEALGGKAAARTSPRLKDKKMDAHPRLFACSNKIGRFVIEEVPGELMQEDLATDDVML
LDTWDQVFVWVGKDSQEEKTEALTSAKRYIETDPANRRRTPITVVKQGFEPSPVFWGFLGWDDDDYWSV
DPLDRAMAELAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

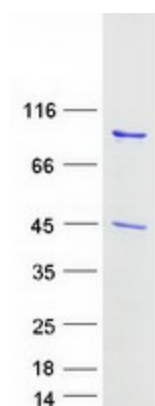
Tag:	C-Myc/DDK
Predicted MW:	82.9 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000168
Locus ID:	2934
UniProt ID:	P06396 , A0A384MEF1
RefSeq Size:	2705
Cytogenetics:	9q33.2
RefSeq ORF:	2346
Synonyms:	ADF; AGEL
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Fc gamma R-mediated phagocytosis, Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified GSN protein (Cat# TP314871). The protein was produced from HEK293T cells transfected with GSN cDNA clone (Cat# [RC214871]) using MegaTran 2.0 (Cat# [TT210002]).