

Recombinant Gelsolin (GSN) Instruction Manual

SIPA415Hu06

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	86.7kDa
Accurate Molecular Mass	87kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala28~Ala782 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ATA SRGASQAGAP QGRVPEARPN
SMVVEHPEFL KAGKEPGLQI WRVEKFDLVP VPTNLYGDFE TGDAYVILKT
VQLRNGNLQY DLHYWLGNEC SQDESGAAAI FTVQLDDYLN GRAVQHREVQ
GFESATFLGY FKSGLKYKKG GVASGFKHVV PNEVVVQRLF QVKGRRVVRA
TEVPVSWESF NNGDCFILDG GNNIHQWCGS NSNRYERLKA TQVSKGIRDN
ERSGRARVHV SEEGTEPEAM LQVLGPKPAL PAGTEDTAKE DAANRKLAKL
YKVSNGAGTM SVSLVADENP FAQGALKSED CFILDHGKDG KIFVWKGKQA
NTEERKAALK TASDFITKMD YPKQTQVSVL PEGGETPLFK QFFKNWRDPD
QTDGLGLSYL SSHIANVERV PFDAATLHTS TAMAAQHGMD DDGTGQKQIW
RIEGSNKVPV DPATYGQFYG GDSYIILYNY RHGGRQGGII YNWQGAQSTQ
DEVAASAILT AQLDEELGGT PVQSRVVQGK EPAHMLSLFG GKPMIYKGG
TSREGGQTAP ASTRLFQVRA NSAGATRAVE VLPKAGALNS NDAFVLKTPS
AAYLWVG TGA SEAEKTGAQE LLRVLRAQPV QVAEGSEPDG FWEALGGKAA
YRTSPRLKDK KMDAHPPLRF ACSNKIGRFV IEEVPGELMQ EDLATDDVML
LDTWDQVFWV V GKDSQEEEK TEALTSAKRY IETDPANRDR RTPITVVKQG
FEPPSFVGVWF LGWDDDYWSV DPLDRAMAEL AA
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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°C 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.

Image



Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.